

SEQUENCE LISTING

(1) GENERAL INFORMATION:

(i) APPLICANT: PARMA, et al.

(ii) TITLE OF INVENTION: HIGH AFFINITY NUCLEIC ACID LIGANDS TO LECTINS

(iii) NUMBER OF SEQUENCES: 390

(iv) CORRESPONDENCE ADDRESS:

(A) ADDRESSEE: Swanson & Bratschun, L.L.C.

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(C) CITY: Englewood

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(E) COUNTRY: USA

(F) ZIP: 80111

(v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Diskette, 3 1/2 diskette, 1.44 MB

(B) COMPUTER: IBM pc compatible

(C) OPERATING SYSTEM: MS-DOS

(D) SOFTWARE: WordPerfect 6.0

(vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER: 08/

(B) FILING DATE:

(C) CLASSIFICATION:

(vii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: PCT/US96/09455

(B) FILING DATE: 05-JUNE-1995

(viii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: 08/479,724

(B) FILING DATE: 07-JUNE-1995

(ix) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: 08/472,256

(B) FILING DATE: 07-JUNE-1995

(x) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: 08/472,255

(B) FILING DATE: 07-JUNE-1995

(xi) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: 08/477,829

(B) FILING DATE: 07-JUNE-1995

(xii) ATTORNEY/AGENT INFORMATION:

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(A) TELEPHONE: (303) 793-3333

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(2) INFORMATION FOR SEQ ID NO:1:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 98 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: single

(D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

(D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:

(D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

GGGAAAAGCG	AAUCAUACAC	AAGANNNNNN	NNNNNNNNNN	NNNNNNNNNN	50
NNNNNNNNNN	NNNNNNNNNN	NNNNNGCUCCG	CCAGAGACCA	ACCGAGAA	98

(2) INFORMATION FOR SEQ ID NO:2:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 41 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: single

(D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

(D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:

(D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

UAAUACGACU	CACUAUAGGG	AAAAGCGAAU	CAUACACAAG	A	41
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(2) INFORMATION FOR SEQ ID NO:3:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 24 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: single

(D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

(D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:

(D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:

UUCUCGGUUG	GUCUCUGGCG	GAGC	24
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(2) INFORMATION FOR SEQ ID NO:4:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 96 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: single

(D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

(D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:

(D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:

GGGAAAAGCG	AAUCAUACAC	AAGAAUGGUU	GGCCUGGGCG	CAGGCUUCGA	50
AGACUCGGCG	GGAACGGGAA	UGGCUCCGCC	AGAGACCAAC	CGAGAA	96

(2) INFORMATION FOR SEQ ID NO:5:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 98 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: single

(D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂, cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂, uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:
 GGGAAAAGCG AAUCAUACAC AAGACAGGCA CUGAAAACUC GGCGGGAACG 50
 AAAGUAGUGC CGACUCAGAC GCGUGCUCCG CCAGAGACCA ACCGAGAA 98

(2) INFORMATION FOR SEQ ID NO:6:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 91 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂, cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂, uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:
 GGGAAAAGCG AAUCAUACAC AAAAAGUCUG GCCAAAGACU CGGCGGGAAC 50
 GUAAAACGGC CAGAAUUGCUCU CCGCCAGAGA CCAACCGAGAA A 91

(2) INFORMATION FOR SEQ ID NO:7:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 94 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂, cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂, uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:
 GGGAAAAGCG AAUCAUACAC AAGAGUAGGA GGUUCCAUCA CCAGGACUCG 50
 GCGGGAACGG AAGGUGAUGS GCUCCGCCAG AGACCAACCG AGAA 94

(2) INFORMATION FOR SEQ ID NO:8:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 95 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂, cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂, uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:
 GGGAAAAGCG AAUCAUACAC AAGAACAAAGG AUCGAUGGCG AGCCGGGGAG 50
 GGCUCGGCGG GAACGAAAUC UGCUCCGCCA GAGACCAACC GAGAA 95

(2) INFORMATION FOR SEQ ID NO:9:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 97 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

(D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:

(D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:

GGGAAAAGCG	AAUCAUACAC	AAGAUUGGGC	AGGCAGAGCG	AGACCGGGGG	50
CUCGGCGGGG	ACGGAACAGG	AAUGCUCCGC	CAGAGACCAA	CCGAGAA	97

(2) INFORMATION FOR SEQ ID NO:10:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 97 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

(D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:

(D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:10:

GGGAAAAGCG	AAUCAUACAC	AAGAAAGGGG	UGGGAUUGGG	ACGAGCGGGCC	50
AAGACUCGGC	GGGAACGAAG	GGUGCUCCGC	CAGAGACCAA	CCGAGAA	97

(2) INFORMATION FOR SEQ ID NO:11:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 96 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

(D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:

(D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:11:

GGGAAAAGCG	AAUCAUACAC	AAGACUCGGC	GGGAACGAAA	GUGUCAUGGU	50
AGCAAGGUCCA	AUGGUGGACU	CUGCUCCGCC	AGAGACCAAC	CGAGAA	96

(2) INFORMATION FOR SEQ ID NO:12:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 98 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

(D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:12:
 GGGAAAAGCG AAUCAUACAC AAGACUCGGC GGGAACGUGA AGUGGGUAGG 50
 UAGCUGAAGA CGGUCUGGGC GCCAGCUCCG CCAGAGACCA ACCGAGAA 98

(2) INFORMATION FOR SEQ ID NO:13:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 99 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:13:
 GGGAAAAGCG AAUCAUACAC AAGAAAGGGA UGGGAUUGGG ACGAGCGGCC 50
 AAGACUCGGC GGGAACGAAG GGUCCGCUCC GCCAGAGACC AACCGAGAA 99

(2) INFORMATION FOR SEQ ID NO:14:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 98 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:14:
 GGGAAAAGCG AAUCAUACAC AAGACUCGGC GGGAACGAAG UGUGUGAGUA 50
 ACGAUCACUU GGUACUAAAA GCCCGCUCCG CCAGAGACCA ACCGAGAA 98

(2) INFORMATION FOR SEQ ID NO:15:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 100 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:15:
 GGGAAAAGCG AAUCAUACAC AAGACUCGGC GGGAAUCGAA AGUGUACUGA 50
 AUUAGAACGG UGGGCCUGCU CAUCGUGCUC CGCCAGAGAC CAACCGAGAA 100

(2) INFORMATION FOR SEQ ID NO:16:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 103 base pairs

(B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:16:
 GGGAAAAGCG AAUCAUACAC AAGACUCGGC GGGAAUCGUA AUGUGGAUGA 50
 UAGCACGAUG GCAGYAGUAG UCGGACCGCG CUCCGCCAGA GACCAACCGA 100
 GAA 103

(2) INFORMATION FOR SEQ ID NO:17:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 98 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:17:
 GGGAAAAGCG AAUCAUACAC AAGACAGCGG CGGAGUCAGU GAAAGCGUUGG 50
 GGGGYGCGGG AGGUCUACCC UGACGCUCCG CCAGAGACCA ACCGAGAA 98

(2) INFORMATION FOR SEQ ID NO:18:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 95 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:18:
 GGGAAAAGCG AAUCAUACAC AAGACGGCUG UGUGUGGUAG CGUCAUAGUA 50
 GGAGUCGUCA CGAACCAAGG CGCUCCGCCA GAGACCAACC GAGAA 95

(2) INFORMATION FOR SEQ ID NO:19:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 98 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:19:
 GGGAAAAGCG AAUCAUACAC AAGACGGCUG UGUGGUGUUG GAGCGUCAUA 50
 GUAGGAGUCG UCACGAACCA AGGCGCUCCG CCAGAGACCA ACCGAGAA 98

(2) INFORMATION FOR SEQ ID NO:20:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 97 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂, cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂, uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:20:
 GGGAAAAGCG AAUCAUACAC AAGACGAUGC GAGGCAAGAA AUGGAGUCGU 50
 UACGAACCCU CUUGCAGUGC CGGGCUCCGC CAGAGACCA CCGAGAA 97

(2) INFORMATION FOR SEQ ID NO:21:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 95 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂, cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂, uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:21:
 GGGAAAAGCG AAUCAUACAC AAGACGUGCG GAGCAAAUAG GGGAUCAUGG 50
 AGUCGUACGA ACCGUUAUCG CGCUCCGCCA GAGACCAACC GAGAA 95

(2) INFORMATION FOR SEQ ID NO:22:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 97 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂, cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂, uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:22:
 GGGAAAAGCG AAUCAUACAC AAGACUGGGG AGCAGGAUAU GAGAUGUGCG 50
 GGGCAAUGGA GUCGUGACGA ACCGCUCCGC CAGAGACCA CCGAGAA 97

(2) INFORMATION FOR SEQ ID NO:23:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 95 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single

(D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:23:
 GGGAAAAGCG AAUCAUACAC AAGAGUCCGC CCCCAGGGAU GCAACGGGGU 50
 GGCUCUAAAAA GGCUUGGCCA AGCUCCGCCA GAGACCAACC GAGAA 95

(2) INFORMATION FOR SEQ ID NO:24:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 94 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:24:
 GGGAAAAGCG AAUCAUACAC AAGAGAGAAU GAGCAUGGCC GGGGCAGGAA 50
 GUGGGUGGCCA ACGGAGGCCA GCUCCGCCAG AGACCAACCG AGAA 94

(2) INFORMATION FOR SEQ ID NO:25:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 95 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:25:
 GGGAAAAGCG AAUCAUACAC AAGAGAUACA GCGCGGGUCU AAAGACCUJUG 50
 CCCCUAGGAU GCAACGGGGU GGCUCCGCCA GAGACCAACC GAGAA 95

(2) INFORMATION FOR SEQ ID NO:26:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 97 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:26:
 GGGAAAAGCG AAUCAUACAC AAGAUGAAGG GUGGUAGAG AGAGUCUGAG 50
 CUCGUCCUAG GGAUGCAACG GCAGCUCCGC CAGAGACCAA CCGAGAA 97

(2) INFORMATION FOR SEQ ID NO:27:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 99 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

(D) OTHER INFORMATION: All C's are 2'-NH₂, cytosine

(ix) FEATURE:

(D) OTHER INFORMATION: All U's are 2'-NH₂, uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:27:

GGGAAAAGCG AAUCAUACAC AAGACAAACC UGCAGUCGCG CGGUGAAACC	50
UAGGGUJUGCA ACGGUACAUC GCUGUGCUCC GCCAGAGACC AACCGAGAA	99

(2) INFORMATION FOR SEQ ID NO:28:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 97 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

(D) OTHER INFORMATION: All C's are 2'-NH₂, cytosine

(ix) FEATURE:

(D) OTHER INFORMATION: All U's are 2'-NH₂, uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:28:

GGGAAAAGCG AAUCAUACAC AAGAGUGGAC UGGAAUCUUC GAGGACAGGA	50
ACGUUCCUAG GGAUGCAACG GACGCUCCGC CAGAGACCAA CCGAGAA	97

(2) INFORMATION FOR SEQ ID NO:29:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 97 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

(D) OTHER INFORMATION: All C's are 2'-NH₂, cytosine

(ix) FEATURE:

(D) OTHER INFORMATION: All U's are 2'-NH₂, uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:29:

GGGAAAAGCG AAUCAUACAC AAGAGUGUAC CAAUGGGAGGC AAUGCUGCGG	50
GAAUGGGAGGC CUAGGGGAUGC AACGCUCCGC CAGAGACCAA CCGAGAA	97

(2) INFORMATION FOR SEQ ID NO:30:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 97 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

(D) OTHER INFORMATION: All C's are 2'-NH₂, cytosine

(ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:30:
 GGGAAAAGCG AAUCAUACAC AAGAGUCCU AGGGAUGCAA CGGGCAGCAU 50
 UCGCAUAGGA GUAAUCGGAG GUCGCUCCGC CAGAGACCAA CCGAGAA 97

(2) INFORMATION FOR SEQ ID NO:31:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 97 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:31:
 GGGAAAAGCG AAUCAUACAC AAGAGCUAG GGAUGCAACG GCGAAUGGAU 50
 AGCGAUGUCG UGGACAGCCA GGUGCUCCGC CAGAGACCAA CCGAGAA 97

(2) INFORMATION FOR SEQ ID NO:32:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 98 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:32:
 GGGAAAAGCG AAUCAUACAC AAGAAUCGAA CCUAGGGAUG CAACGGUGAA 50
 GGUUGUGAGG AUUCGCCAUU AGGCGCUCCG CCAGAGACCA ACCGAGAA 98

(2) INFORMATION FOR SEQ ID NO:33:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 98 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:33:
 GGGAAAAGCG AAUCAUACAC AAGAGCUAGG GAUGCCGCAG AAUGGGUCGCG 50
 GAUGUAAUAG GUGAAGAUUG UUGCGCUCCG CCAGAGACCA ACCGAGAA 98

(2) INFORMATION FOR SEQ ID NO:34:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 98 base pairs

(B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:34:
 GGGAAAAGCG AAUCAUACAC AAGAGGACCU AGGGAUGCAA CGGUCCGACC 50
 UUGAUGC CGCG GGUGUCCAAG CUACGCUCCG CCAGAGACCA ACCGAGAA 98

(2) INFORMATION FOR SEQ ID NO:35:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 97 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:35:
 GGGAAAAGCG AAUCAUACAC AAGAAAAGGG A GGAGCUAGAG AGGGAAAGGU 50
 UACUACGCGC CAGAAUAGGA UGUGCUCCGC CAGAGACCAA CCGAGAA 97

(2) INFORMATION FOR SEQ ID NO:36:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 97 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:36:
 GGGAAAAGCG AAUCAUACAC AAGACCAACG UACAUCGCGA GCUGGGUGGAG 50
 AGUCAUAGAG GGUGUUACGG GGUGCUCCGC CAGAGACCAA CCGAGAA 97

(2) INFORMATION FOR SEQ ID NO:37:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 96 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:37:

GGGAAAAGCG AAUCAUACAC AAGACCCAAC GUGUCAUCGC GAGCUGGGCG	50
AGAGUUCAUG AGGGUACGG GUGCUCCGCC AGAGACCAAC CGAGAA	96

(2) INFORMATION FOR SEQ ID NO:38:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 98 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-NH₂, cytosine

(ix) FEATURE:

- (D) OTHER INFORMATION: All U's are 2'-NH₂, uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:38:

GGGAAAAGCG AAUCAUACAC AAGAGUUGGU GCGAGCUGGG GCGGCGAGAA	50
GGUAGGCGGU CCGAGUGUUC GAAUGCUCCG CCAGAGACCA ACCGAGAA	98

(2) INFORMATION FOR SEQ ID NO:39:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 98 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-NH₂, cytosine

(ix) FEATURE:

- (D) OTHER INFORMATION: All U's are 2'-NH₂, uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:39:

GGGAAAAGCG AAUCAUACAC AAGACUGGCA AGRAGUGCGU GAGGGUACGU	50
UAGGGGUGUU UGGGCCGAUC GCAUGCUCCG CCAGAGACCA ACCGAGAA	98

(2) INFORMATION FOR SEQ ID NO:40:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 97 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-NH₂, cytosine

(ix) FEATURE:

- (D) OTHER INFORMATION: All U's are 2'-NH₂, uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:40:

GGGAAAAGCG AAUCAUACAC AAGAUUUGGC GUACUGGACA GAGCCGUGGU	50
AGAGGGAUUG GGACAAAGUG UCAGCUCCGC CAGAGACCA CCGAGAA	97

(2) INFORMATION FOR SEQ ID NO:41:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 99 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:41:
 GGGAAAAGCG AAUCAUACAC AAGAUGUGAG AAAGUGGCCA ACUUUAGGAC 50
 GUCGGUGGAC UGYGCGGGUA GGCUCGCUCC GCCAGAGACC AACCGAGAA 99

(2) INFORMATION FOR SEQ ID NO:42:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 98 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:42:
 GGGAAAAGCG AAUCAUACAC AAGACAGGCA GAUGUGUCUG AGUUCGUCGG 50
 AGUAGACGUC GGUGGACGCG GAACGCUCCG CCAGAGACCA ACCGAGAA 98

(2) INFORMATION FOR SEQ ID NO:43:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 97 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:43:
 GGGAAAAGCG AAUCAUACAC AAGAUGUGAU UAGGCAGUUG CAGCCGCCU 50
 GCGGAGACGU GACUCGAGGA UUCGCUCCGC CAGAGACCAA CCGAGAA 97

(2) INFORMATION FOR SEQ ID NO:44:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 96 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:44:
 GGGAAAAGCG AAUCAUACAC AAGAUGCCGG UGGAAAGGCG GGUAGGUGAC 50
 CCGAGGAUUC CUACCAAGCC AUGCUCCGCC AGAGACCAAC CGAGAA 96

(2) INFORMATION FOR SEQ ID NO:45:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 93 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

(D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:

(D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:45:

GGGAAAAGCG	AAUCAUACAC	AAGAGAGGUG	RAUGGGAGAG	UGGAGCCGG	50
GUGACUCGAG	GAUUCCGUG	CUCCGCCAGA	GACCAACCGA	GAA	93

(2) INFORMATION FOR SEQ ID NO:46:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 97 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

(D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:

(D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:46:

GGGAAAAGCG	AAUCAUACAC	AAGAGUCAUG	CUGUGGCUGA	ACAUACUGGU	50
GAAAGUUCAG	UAGGGUGGAU	ACAGCUCCGC	CAGAGACCAA	CCGAGAA	97

(2) INFORMATION FOR SEQ ID NO:47:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 96 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

(D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:

(D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:47:

GGGAAAAGCG	AAUCAUACAC	AAGACCGGGG	AUGGUGAGUC	GGGCAGUGUG	50
ACCGAACUGG	UGCCCGCUGA	GAGCUCCGCC	AGAGACCAA	CGAGAA	96

(2) INFORMATION FOR SEQ ID NO:48:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 97 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

(D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:

(D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:48:

GGGAAAAGCG	AAUCAUACAC	AAGAACACUA	ACCAGGUCUC	UGAACGCGGG	50
ACGGAGGUGU	GGCGAGGUG	GAAGCUCCGC	CAGAGACCAA	CCGAGAA	97

(2) INFORMATION FOR SEQ ID NO:49:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 99 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

(D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:

(D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:49:

GGGAAAAGCG	AAUCAUACAC	AAGACCGUCU	CCCGAGAACCC	AGGCAGAGAGGA	50
CGUGCUGAAG	GAGCUGCAUC	UAGAACGUCC	GCCAGAGACC	AACCGAGAA	99

(2) INFORMATION FOR SEQ ID NO:50:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 99 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

(D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:

(D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:50:

GGGAAAAGCG	AAUCAUACAC	AAGACCGUCU	CCGAGAACCA	GGCAGAGGAG	50
GUGCUGAAGG	RGCUGGGCAUC	UACAAGCUCC	GCCAGAGACC	AACCGAGAA	99

(2) INFORMATION FOR SEQ ID NO:51:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 96 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

(D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:

(D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:51:

GGGAAAAGCG	AAUCAUACAC	AAGACCCGCA	CAUAAUGUAG	GGAACAAUGU	50
UAUGGCGGAA	UUGAUAAACCG	GUGCUCCGCC	AGAGACCAAC	CGAGAA	96

(2) INFORMATION FOR SEQ ID NO:52:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 98 base pairs

(B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:52:
 GGGAAAAGCG AAUCAUACAC AAGACGAUGU UAGGCCUCC GGGAGAGGUU 50
 AGGGUCGUGC GGNAAGAGUG AGGUGCUCCG CCAGAGACCA ACCGAGAA 98

(2) INFORMATION FOR SEQ ID NO:53:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 99 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:53:
 GGGAAAAGCG AAUCAUACAC AAGAGGUACG GGCGAGACGA GAUGGACUUA 50
 UAGGUCGAUG AACGGGUAGC AGCUCGCUCC GCCAGAGACC AACCGAGAA 99

(2) INFORMATION FOR SEQ ID NO:54:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 96 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:54:
 GGGAAAAGCG AAUCAUACAC AAGACGGUJUG CUGAACAGAA CGUGAGUCUU 50
 GGUGAGUCGC ACAGAUJUGUC CUGCUCCGCC AGAGACCAAC CGAGAA 96

(2) INFORMATION FOR SEQ ID NO:55:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 97 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:55:

GGGAAAAGCG AAUCAUACAC AAGAACUGAG UAAGGUCUGG CGUGGCAUUA 50
GGUAGUGGG AGGCUUGGAG UAGGCUCCGC CAGAGACCAA CCGAGAA 97

(2) INFORMATION FOR SEQ ID NO:56:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 20 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE: RNA
(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:56:
AAGACUCGGC GGGAACGAAA 20

(2) INFORMATION FOR SEQ ID NO:57:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 16 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE: RNA
(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:57:
GGAGUCGUGA CGAAC 16

(2) INFORMATION FOR SEQ ID NO:58:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 16 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE: RNA
(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:58:
CCUAGGGAUG CAACGG 16

(2) INFORMATION FOR SEQ ID NO:59:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 18 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE: RNA
(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:59:
RCUGGGAGRG UGGGUGUU

18

(2) INFORMATION FOR SEQ ID NO:60:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 42 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE: RNA
(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:60:
UGUGNNNNAG UNNNNNNNNN UAGACGUCGG UGGACNNNGC GG

42

(2) INFORMATION FOR SEQ ID NO:61:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 21 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE: RNA
(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:61:
GGGNNNNGUGA CYCGRGGAYU C

21

(2) INFORMATION FOR SEQ ID NO:62:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 23 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE: RNA
(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:62:
UGANCNNACU GGUGNNNGNG NAG

23

(2) INFORMATION FOR SEQ ID NO:63:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 32 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:63:
GUCUCYGAAC NNGGNAGGAN GUGNUGGAGN UG

32

(2) INFORMATION FOR SEQ ID NO:64:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 71 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE: RNA
(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:64:
GGGAGGACGA UGCAGNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
NNNNNCAGAC GACUCGCCCG A

50

71

(2) INFORMATION FOR SEQ ID NO:65:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 32 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE: RNA
(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:65:
TAATACGACT CACTATAGGG AGGACGATGC GG

32

(2) INFORMATION FOR SEQ ID NO:66:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 17 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE: RNA
(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:66:
TCGGGCGAGT CGTCCTG

17

(2) INFORMATION FOR SEQ ID NO:67:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 71 base pairs
(B) TYPE: nucleic acid

(C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂, cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂, uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:67:
 GGGAGGACGA UGCAGCGCGU AUGUGUGAAA GCGUGUGCAC GGAGGCGUCU 50
 ACAAAUCAGAC GACUCGCCCG A 71

(2) INFORMATION FOR SEQ ID NO:68:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 71 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂, cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂, uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:68:
 GGGAGGACGA UGCAGGGCAU UGUGUGAAUA GCUGAUCCCA CAGGUAAACAA 50
 CAGCACAGAC GACUCGCCCG A 71

(2) INFORMATION FOR SEQ ID NO:69:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 71 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂, cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂, uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:69:
 GGGAGGACGA UGCAGGUAAUG UGUGAAUCAA GCAGUCUGAA UAGAUUAGAC 50
 AAAAUCAGAC GACUCGCCCG A 71

(2) INFORMATION FOR SEQ ID NO:70:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 71 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂, cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂, uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:70:
 GGGAGGACGA UGCAGGAUGUG UGAGUAGCUG AGCGCCCGAG UAUGAWACCU 50

(2) INFORMATION FOR SEQ ID NO:71:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 71 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:

- (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:71:

GGGAGGACGA UGCAGGAAACC UUGAUGUGUG AUAGAGCAUC CCCCAGGCAGA 50
CGUACCAGAC GACUCGCCG A 71

(2) INFORMATION FOR SEQ ID NO:72:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 70 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:

- (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:72:

GGGAGGACGA UGCAGGUUGAG AUGUGUGAGU ACAAGCUCAA AAUCCCGUUG 50
GAGGCAGACG ACUCGCCG A 70

(2) INFORMATION FOR SEQ ID NO:73:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 71 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:

- (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:73:

GGGAGGACGA UGCAGGUAGAG GUAGUAUGUG UGGGAGAUGA AAAUACUGUG 50
GAAAGCAGAC GACUCGCCG A 71

(2) INFORMATION FOR SEQ ID NO:74:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 71 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:74:
GGGAGGACGA UGCAGAAAGU UAUGAGUCCG UAUAUCAAGG UCGACAUUGUG 50
UGAAUCAGAC GACUCGCCCG A 71

(2) INFORMATION FOR SEQ ID NO:75:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 71 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE: RNA
(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:75:
GGGAGGACGA UGCAGCACGA AAAACCCGAA UGGGGUCGCC CAUAAGGAUG 50
UGUGACAGAC GACUCGCCCG A 71

(2) INFORMATION FOR SEQ ID NO:76:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 71 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE: RNA
(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:76:
GGGAGGACGA UGCAGGUAAA GAGAUCCUAA UGGCUCGCUA GAUGUGAUGU 50
GAAACCAAGAC GACUCGCCCG A 71

(2) INFORMATION FOR SEQ ID NO:77:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 71 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE: RNA
(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:77:
GGGAGGACGA UGCAGGUACA ACAAUCAAGG CGGGUUCACC GCCCCAGUAU 50
GAGUGCAGAC GACUCGCCCG A 71

(2) INFORMATION FOR SEQ ID NO:78:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 71 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:

- (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:78:

GGGAGGACGA UGCAGUAACA ACAAUCAAGG CGGGUUYACC GCCCCAGUAU	50
GAGUACAGAC GACUCGCCCG A	71

(2) INFORMATION FOR SEQ ID NO:79:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 71 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:

- (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:79:

GGGAGGACGA UGCAGUAACA ACAAUCAAGG CGGGUUYACC GCUCCAGUAU	50
GAGUACAGAC GACUCGCCCG A	71

(2) INFORMATION FOR SEQ ID NO:80:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 71 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:

- (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:80:

GGGAGGACGA UGCAGUAACA ACAAUCAAGG CGGGUUCACC GCCCCAGUAU	50
GAGUGCAGAC GACUCGCCCG A	71

(2) INFORMATION FOR SEQ ID NO:81:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 71 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:

(D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:81:

GGGAGGACGA	UGCAGGACCAA	GCAUCUAUG	GUCGAAACGCU	ACACAUAGAAU	50
GACGUCAGAC	GACUCGCCCG	A			71

(2) INFORMATION FOR SEQ ID NO:82:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 71 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: single

(D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

(D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:

(D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:82:

GGGAGGACGA	UGCAGGAAACA	UGAAGUAAUC	AAAGUCGUAC	CAAUAUACAG	50
GAAGCCAGAC	GACUCGCCCG	A			71

(2) INFORMATION FOR SEQ ID NO:83:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 70 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: single

(D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

(D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:

(D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:83:

GGGAGGACGA	UGCAGGACAU	GAAGUAAGAC	CGUCACAAUU	CGAAUGAUUG	50
AAUACAGACG	ACUCGCCCGA				70

(2) INFORMATION FOR SEQ ID NO:84:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 72 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: single

(D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

(D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:

(D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:84:

GGGAGGACGA	UGCAGGAAACA	UGAAGUAAAA	AGUCGACGAA	UUAGCUGUAA	50
CCAAAACAGA	CGACUCGCC	GA			72

(2) INFORMATION FOR SEQ ID NO:85:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 71 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:85:
 GGGAGGACGA UGCAGGAACA UGAAGUAAA GUCUGAGUUA GUAAAUUACA 50
 GUGAUCAGAC GACUCGCCG A 71

(2) INFORMATION FOR SEQ ID NO:86:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 72 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:86:
 GGGAGGACGA UGCAGGAACU UGAAGUUGAA NUCGCUAAGG UUAUGGAAUUC 50
 AAGAUUCAGA CGACUCGCCG GA 72

(2) INFORMATION FOR SEQ ID NO:87:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 71 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:87:
 GGGAGGACGA UGCAGGAACAU GAAGUAAA GUCGACGUAA UUAGCUGUAA 50
 CUAAACAGAC GACUCGCCG A 71

(2) INFORMATION FOR SEQ ID NO:88:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 70 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:88:
 GGGAGGACGA UGCAGGAACAU GAAGUAAAAG UCUGAGUUAG AAAUUACAAG 50

UGAUCAGACG ACUCGCCCGA

70

(2) INFORMATION FOR SEQ ID NO:89:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 71 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:

- (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:89:

GGGAGGACGA UGCAGGUAAACA UAAAGUAGCG CGUCUGUGAG AGGAAGUGCC 50
UGAUCAGAC GACUCGCCCG A 71

(2) INFORMATION FOR SEQ ID NO:90:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 71 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:

- (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:90:

GGGAGGACGA UGCAGGUAGAG ACCGCAAGGA UAACCUCGAC CGUGGUCAAC 50
UGAGACAGAC GACUCGCCCG A 71

(2) INFORMATION FOR SEQ ID NO:91:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 70 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:

- (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:91:

GGGAGGACGA UGCAGGUAGAG ACCGCUAGCG CACGAUCAAA CAAAGAGAAA 50
CAAACAGACG ACUCGCCCGA 70

(2) INFORMATION FOR SEQ ID NO:92:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 71 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:92:
GGGAGGACGA UGCGGUUCUC UCCAAGAACY GAGCGAAUAA ACSACCGGAS 50
UCACACAGAC GACUCGCCCG A 71

(2) INFORMATION FOR SEQ ID NO:93:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 71 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:93:
GGGAGGACGA UGCGGUGUCU CUCCUGACUU UUAUUCUUAG UUCGAGCUGU 50
CCUGGCAGAC GACUCGCCCG A 71

(2) INFORMATION FOR SEQ ID NO:94:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 71 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:94:
GGGAGGACGA UGCGGCCGUA CAUGGUAARC CUCGAAGGAU UCCCGGGGAUG 50
AUCCCCAGAC GACUCGCCCG A 71

(2) INFORMATION FOR SEQ ID NO:95:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 71 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:95:
GGGAGGACGA UGCGGUCCCA GAGUCCCGUG AUGCGAAGAA UCCAUUAGUA 50
CCAGACAGAC GACUCGCCCG A 71

(2) INFORMATION FOR SEQ ID NO:96:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 70 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: RNA
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All C's are 2'-NH₂, cytosine
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All U's are 2'-NH₂, uracil
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:96:

GGGAGGACGA UGCAGGAUGU AAAUGACAAA UGAACCUCGA AAGAUUGCAC	50
ACUCCAGACG ACUCGCCCGA	70

- (2) INFORMATION FOR SEQ ID NO:97:
 - (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 72 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
 - (ii) MOLECULAR TYPE: RNA
 - (ix) FEATURE:
 - (D) OTHER INFORMATION: All C's are 2'-NH₂, cytosine
 - (ix) FEATURE:
 - (D) OTHER INFORMATION: All U's are 2'-NH₂, uracil
 - (xi) SEQUENCE DESCRIPTION: SEQ ID NO:97:

GGGAGGACGA UGCAGGAUGUA AAUCUAGGCA GAAACGUAGG GCAUCCACCG	50
CAACGACAGA CGACUCGCCCGA	72

- (2) INFORMATION FOR SEQ ID NO:98:
 - (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 70 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
 - (ii) MOLECULAR TYPE: RNA
 - (ix) FEATURE:
 - (D) OTHER INFORMATION: All C's are 2'-NH₂, cytosine
 - (ix) FEATURE:
 - (D) OTHER INFORMATION: All U's are 2'-NH₂, uracil
 - (xi) SEQUENCE DESCRIPTION: SEQ ID NO:98:

GGGAGGACGA UGCAGGAUAC CCAAGCAGCN UCGAGAAAAGA GCUCCAUAGA	50
UGAUCAGACG ACUCGCCCGA	70

- (2) INFORMATION FOR SEQ ID NO:99:
 - (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 71 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
 - (ii) MOLECULAR TYPE: RNA
 - (ix) FEATURE:
 - (D) OTHER INFORMATION: All C's are 2'-NH₂, cytosine
 - (ix) FEATURE:

(D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:99:
GGGAGGACGA UGCAGGAAAG CACGCGUAUG GCAUGAAACU GGCANCCAA 50
GUAAGCAGAC GACUCGCCCG A 71

(2) INFORMATION FOR SEQ ID NO:100:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 71 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE: RNA
(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:100:
GGGAGGACGA UGCAGGAAAAA GGUGUGACGUA GCGAAGCUCU CAAAAUGGUC 50
AUGACCAAGAC GACUCGCCCG A 71

(2) INFORMATION FOR SEQ ID NO:101:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 70 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE: RNA
(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:101:
GGGAGGACGA UGCAGGAAAGUG AAGCUAAAGC GGAGGGCCAU UCAGUUUCNC 50
ACACACAGACG ACUCGCCCGA 70

(2) INFORMATION FOR SEQ ID NO:102:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 70 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE: RNA
(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:102:
GGGAGGACGA UGCAGGAAAGUG AAGCUAAAGS GGAGGGCCAC UCAGAAACGC 50
ACACACAGACG ACUCGCCCGA 70

(2) INFORMATION FOR SEQ ID NO:103:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 71 base pairs
(B) TYPE: nucleic acid

(C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:103:
 GGGAGGACGA UGCAGGACCG CUAAAGCAGUG GCAUAGCCCA GUAACCUGUA 50
 AGAGACAGAC GACUCGCCCG A 71

(2) INFORMATION FOR SEQ ID NO:104:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 67 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:104:
 GGGAGGACGA UGCAGGACCG UAAGCAGUGG CAUAGCGWAA CCUGUAAGAG 50
 ACAGACGACU CGCCCGA 67

(2) INFORMATION FOR SEQ ID NO:105:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 71 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:105:
 GGGAGGACGA UGCAGGACCG ACCAUAAACCG CGUAGUCGAA GACAUAUAGU 50
 AGCGACAGAC GACUCGCCCG A 71

(2) INFORMATION FOR SEQ ID NO:106:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 71 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:106:
 GGGAGGACGA UGCAGGACCG GGUAGAACCG GACUUGCCAC CACUCCCCAU 50

(2) INFORMATION FOR SEQ ID NO:107:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 71 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

(D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:

(D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:107:

GGGAGGACGA UGC GGUCAGA ACUCUGCCGC UGUAGACAAA GAGGAGCUUA 50
GCGAACAGAC GACUCGCCCG A 71

(2) INFORMATION FOR SEQ ID NO:108:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 71 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

(D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:

(D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:108:

GGGAGGACGA UGC GGAAUAGA GCAUCGAGAG AGCGCGAACU CAUCGAGCGU 50
ACUAACAGAC GACUCGCCCG A 71

(2) INFORMATION FOR SEQ ID NO:109:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 71 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

(D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:

(D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:109:

GGGAGGACGA UGC GGCAAAG CACGCGUAUG GCAUGAACU GGCANCCAA 50
GUAAGCAGAC GACUCGCCCG A 71

(2) INFORMATION FOR SEQ ID NO:110:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 71 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:110:
GGGAGGACGA UGCAGGAUGC AGCAACCUGA AAACGGCGUC CACAGGUAAU 50
AACAGCAGAC GACUCGCCCG A 71

(2) INFORMATION FOR SEQ ID NO:111:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 71 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:111:
GGGAGGACGA UGCAGGAAACU CGCUACAAAC ACCCAAUCCU AGAACGUUAU 50
GGAGACAGAC GACUCGCCCG A 71

(2) INFORMATION FOR SEQ ID NO:112:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 71 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:112:
GGGAGGACGA UGCAGGCUAGC AUAGCCACCG GAACAGACAG AUACGAGCAC 50
GAUCACAGAC GACUCGCCCG A 71

(2) INFORMATION FOR SEQ ID NO:113:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 71 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:113:
GGGAGGACGA UGCAGGGAUUC GGAGUACUGA AAAACAACCC UCAAAAGUGC 50
AUAGGCAGAC GACUCGCCCG A 71

(2) INFORMATION FOR SEQ ID NO:114:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 71 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: RNA
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:114:

GGGAGGACGA UGCAGGUCCA GGACGGACCG CAGCUGUGAU ACAAUCGACU 50
 UACACCAGAC GACUCGCCCG A 71

- (2) INFORMATION FOR SEQ ID NO:115:
- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 71 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: RNA
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:115:

GGGAGGACGA UGCAGGAAACU CGCUACAAAC ACCCAAUCU AGAACGUUAU 50
 GGAGACAGAC GACUCGCCCG A 71

- (2) INFORMATION FOR SEQ ID NO:116:
- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 70 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: RNA
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:116:

GGGAGGACGA UGCAGGGGCC CUUAUCGGAG GUCUGCGCCA CUAAUUACAU 50
 CCACCAGACG ACUCGCCCG A 70

- (2) INFORMATION FOR SEQ ID NO:117:
- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 67 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: RNA
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
- (ix) FEATURE:

(D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:117:
GGGAGGGACGA UGCGGGUCCAG AGCGUGAAGA UCAACGUCCC GGNGUCGAAG 50
ACAGACGACU CGCCCGA 67

(2) INFORMATION FOR SEQ ID NO:118:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 8 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE: RNA
(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:118:
AUGUGUGA 8

(2) INFORMATION FOR SEQ ID NO:119:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 15 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE: RNA
(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:119:
CAACAAUCAU GAGUR 15

(2) INFORMATION FOR SEQ ID NO:120:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 21 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE: RNA
(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:120:
AACAUAGAAGU AAGUCARUUA G 21

(2) INFORMATION FOR SEQ ID NO:121:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 11 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:121:

AGAACCGCWA G

11

(2) INFORMATION FOR SEQ ID NO:122:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 7 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE: RNA
(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:122:

UCUCUCC

7

(2) INFORMATION FOR SEQ ID NO:123:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 10 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE: RNA
(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:123:

CGAAGAAUYC

10

(2) INFORMATION FOR SEQ ID NO:124:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 8 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE: RNA
(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:124:

AUGUAAAU

8

(2) INFORMATION FOR SEQ ID NO:125:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 8 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single

(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE: RNA
(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:125:

AACCCAAG

8

(2) INFORMATION FOR SEQ ID NO:126:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 80 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: DNA
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:126:

CTACCTACGA TCTGACTAGC NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
NNNNNNNNNN GCTTACTCTC ATGTAGTTCC

50

80

(2) INFORMATION FOR SEQ ID NO:127:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 20 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: DNA
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:127:

CTACCTACGA TCTGACTAGC

20

(2) INFORMATION FOR SEQ ID NO:128:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 25 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: DNA

(xi) FEATURE:

(D) OTHER INFORMATION: N AT POSITION 2 AND 4 IS BIOTIN

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:128:

ANANAGGAAC TACATGAGAG TAAGC

25

(2) INFORMATION FOR SEQ ID NO:129:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 80 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:129:

CTACCTACGA TCTGACTAGC GGAACACGTG AGGTTACAA GGCACACTGAC
GTAAACACTT GCTTACTCTC ATGTAGTTCC

50

80

(2) INFORMATION FOR SEQ ID NO:130:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 80 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:130:

CTACCTACGA TCTGACTAGC CCCCCGAAGAAA CATTTCACAA GGTGCTAAAC	50
GTAAAATCAG GCTTACTCTC ATGTAGTTCC	80

(2) INFORMATION FOR SEQ ID NO:131:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 80 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:131:

CTACCTACGA TCTGACTAGC GGCCATCCCTG AGTCATTACA AGGTTCTTAA	50
CGTAATGTAC GCTTACTCTC ATGTAGTTCC	80

(2) INFORMATION FOR SEQ ID NO:132:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 80 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:132:

CTACCTACGA TCTGACTAGC TGCACACACCTG AGGGTTACAA GGCGCTAGAC	50
GTAACCTCTC GCTTACTCTC ATGTAGTTCC	80

(2) INFORMATION FOR SEQ ID NO:133:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 80 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:133:

CTACCTACGA TCTGACTAGC CACGTTCAA GGGGTTACAC GAAACGATTG	50
ACTCCTTGGC GCTTACTCTC ATGTAGTTCC	80

(2) INFORMATION FOR SEQ ID NO:134:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 79 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:134:

CTACCTACGA TCTGACTAGC CGGACATGAG CGTTACAAGG TGCTAAACGT	50
AACGTACTTG CTTACTCTCA TGTAGTTCC	79

(2) INFORMATION FOR SEQ ID NO:135:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 79 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:135:

CTACCTACGA TCTGACTAGC CGCATCCACA TAGTTCAAGG GGCTACACGA 50
AATATTGCAG CTTACTCTCA TGTAGTTCC 79

(2) INFORMATION FOR SEQ ID NO:136:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 79 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:136:

CTACCTACGA TCTGACTAGC TACCCCTTGG GCCTCATAGA CAAGGTCTTA 50
AACGTTAGCG CTTACTCTCA TGTAGTTCC 79

(2) INFORMATION FOR SEQ ID NO:137:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 79 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:137:

CTACCTACGA TCTGACTAGC CACATGCCTG ACGCGGTACA AGGCCTGGAC 50
GTAACGTTGG CTTACTCTCA TGTAGTTCC 79

(2) INFORMATION FOR SEQ ID NO:138:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 80 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:138:

CTACCTACGA TCTGACTAGC TAGTGCTCCA CGTATTCAAG GTGCTAACG 50
AAGACGGCCT GCTTACTCTC ATGTAGTTCC 80

(2) INFORMATION FOR SEQ ID NO:139:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 79 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:139:

CTACCTACGA TCTGACTAGC AGCGATGCAA GGGGCTACAC GCAACGATT 50
AGATGCTCTG CTTACTCTCA TGTAGTTCC 79

(2) INFORMATION FOR SEQ ID NO:140:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 79 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:140:

CTACCTACGA TCTGACTAGC CCAGGAGCAC AGTACAAGGT GTTAAACGTA	50
ATGTCTGGTG CTTACTCTCA TGTAGTTCC	79

(2) INFORMATION FOR SEQ ID NO:141:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 79 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:141:

CTACCTACGA TCTGACTAGC ACCACACCTG GGCGGTACAA GGAGTTATCC	50
GTAACGTGTG CTTACTCTCA TGTAGTTCC	79

(2) INFORMATION FOR SEQ ID NO:142:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 79 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:142:

CTACCTACGA TCTGACTAGC CAAGGTAACC AGTACAAGGT GCTAAACGTA	50
ATGGCTTCGG CTTACTCTCA TGTAGTTCC	79

(2) INFORMATION FOR SEQ ID NO:143:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 79 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:143:

CTACCTACGA TCTGACTAGC ACCCCCGACC CGAGTACAAG GCATTCGACG	50
TAATCTGGTG CTTACTCTCA TGTAGTTCC	79

(2) INFORMATION FOR SEQ ID NO:144:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 79 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:144:

CTACCTACGA TCTGACTAGC CAGTACAAGG TGTAAACGT AATGCCGATC	50
GAGTTGTATG CTTACTCTCA TGTAGTTCC	79

(2) INFORMATION FOR SEQ ID NO:145:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 81 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:145:

CTACCTACGA TCTGACTAGC ACAACGAGTA CAAGGAGATA GACGTAATCG	50
GCGCAGGTTAT CGCTTACTCT CATGTAGTTTC C	81

(2) INFORMATION FOR SEQ ID NO:146:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 79 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:146:

CTACCTACGA TCTGACTAGC CACGACAGAG AACAAAGGCGT TAGACGTTAT	50
CCGACCACGG CTTACTCTCA TGTAGTTCC	79

(2) INFORMATION FOR SEQ ID NO:147:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 80 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:147:

CTACCTACGA TCTGACTAGC AGGGAGAAACA AGGTGCTAAA CGTTTATCTA	50
CACTTCACCT GCTTACTCTC ATGTAGTTCC	80

(2) INFORMATION FOR SEQ ID NO:148:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 80 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:148:

CTACCTACGA TCTGACTAGC AGGACCAAGG TGTAAACGG CTCCCTGGC	50
TATGCCTCTT GCTTACTCTC ATGTAGTTCC	80

(2) INFORMATION FOR SEQ ID NO:149:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 80 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:149:

CTACCTACGA TCTGACTAGC TACACAAGGT GCTAACGTA GAGCCAGATC	50
GGATCTGAGC GCTTACTCTC ATGTAGTTCC	80

(2) INFORMATION FOR SEQ ID NO:150:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 80 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:150:

CTACCTACGA TCTGACTAGC GGACAAGGCA CTCGACGTAG TTTATAACTC	50
CCTCCGGGCC GCTTACTCTC ATGTAGTTCC	80

(2) INFORMATION FOR SEQ ID NO:151:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 81 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:151:

CTACCTACGA TCTGACTAGC TACACAAGGG GCCAAACGGA GAGCCAGACG	50
CGGATCTGAC AGCTTACTCT CATGTAGTTTC C	81

(2) INFORMATION FOR SEQ ID NO:152:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 79 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:152:

CTACCTACGA TCTGACTAGC CGGCTATACN NGGTGCTAAA CGCAGAGACT	50
CGATCAACAG CTTACTCTCA TGTAGTTCC	79

(2) INFORMATION FOR SEQ ID NO:153:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 80 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:153:

CTACCTACGA TCTGACTAGC GAGTAGCCAA GGCGTTAGAC GGAGGGGGAA	50
TGGAAGCTTG GCTTACTCTC ATGTAGTTCC	80

(2) INFORMATION FOR SEQ ID NO:154:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 73 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:154:

CTACCTACGA TCTGACTAGC GAGTAGCCAA GGCGTTAGAC GGAGGGGGAA	50
TGGGCTTACT CTCATGTAGT TCC	73

(2) INFORMATION FOR SEQ ID NO:155:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 80 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:155:

CTACCTACGA TCTGACTAGC GAGTAGCCAA GGCCTTAGAC GGAGGGGGAA	50
TGTGAGCACA GCTTACTCTC ATGTAGTTCC	80

(2) INFORMATION FOR SEQ ID NO:156:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 80 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:156:

CTACCTACGA TCTGACTAGC TAGCTCCACA CACAASSCGC RGCACATAGG	50
GGATATCTGG GCTTACTCTC ATGTAGTTCC	80

(2) INFORMATION FOR SEQ ID NO:157:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 80 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:157:

CTACCTACGA TCTGACTAGC CATCAAGGAC TTTGCCGAA ACCCTAGGTT	50
CACGTGTGGG GCTTACTCTC ATGTAGTTCC	80

(2) INFORMATION FOR SEQ ID NO:158:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 79 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:158:

CTACCTACGA TCTGACTAGC CATTCAACCAT GGCCCTTCC TACGTATGTT	50
CTGGGGGTGG CTTACTCTCA TGTAGTTCC	79

(2) INFORMATION FOR SEQ ID NO:159:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 80 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:159:

CTACCTACGA TCTGACTAGC GCAACGTGGC CCCGTTAGC TCATTTGACC	50
GTTCCATCCG GCTTACTCTC ATGTAGTTCC	80

(2) INFORMATION FOR SEQ ID NO:160:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 79 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:160:

CTACCTACGA TCTGACTAGC CCACAGACAA TCGCAGTCCC CGTGTAGCTC	50
TGGGTGTCTG CTTACTCTCA TGTAGTTCC	79

(2) INFORMATION FOR SEQ ID NO:161:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 79 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:161:

CTACCTACGA TCTGACTAGC CCACCGTGAT GCACCGATACA TGAGGGTGTG	50
TCAGCGCATG CTTACTCTCA TGTAGTTCC	79

(2) INFORMATION FOR SEQ ID NO:162:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 80 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:162:

CTACCTACGA TCTGACTAGC CGAGGGTAGTC GTTATAGGGT RCRCACGACA	50
CAAARCRGTR GCTTACTCTC ATGTAGTTCC	80

(2) INFORMATION FOR SEQ ID NO:163:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 79 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:163:

CTACCTACGA TCTGACTAGC TGGCGGTACG GGCCGTGCAC CCACCTACCT	50
GGGAAGTGAG CTTACTCTCA TGTAGTTCC	79

(2) INFORMATION FOR SEQ ID NO:164:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 81 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:164:

CTACCTACGA TCTGACTAGC CTCTGCTTAC CTCATGTAGT TCCAAGCTTG	50
GCGTAATCAT GGCTTACTCT CATGTAGTTTC C	81

(2) INFORMATION FOR SEQ ID NO:165:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 79 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:165:

CTACCTACGA TCTGACTAGC AGCGTTGTAC GGGGTTACAC ACAACGATT	50
AGATGCTCTG CTTACTCTCA TGTAGTTCC	79

(2) INFORMATION FOR SEQ ID NO:166:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 81 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:166:

CTACCTACGA TCTGACTAGC TGATGCGACT TTAGTCGAAC GTTACTGGGG	50
CTCAGAGGAC AGCTTACTCT CATGTAGTTC C	81

(2) INFORMATION FOR SEQ ID NO:167:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 81 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:167:

CTACCTACGA TCTGACTAGC CGAGGATCTG ATACTTATTG AACATAMCCG	50
CACNCAGGCT TGCTTACTCT CATGTAGTTC C	81

(2) INFORMATION FOR SEQ ID NO:168:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 73 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:168:

CTACCTACGA TCTGACTAGC CGATCGTGTG TCATGCTACC TACGATCTGA	50
CTAGCTTACT CTCATGTAGT TCC	73

(2) INFORMATION FOR SEQ ID NO:169:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 80 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:169:

CTACCTACGA TCTGACTAGC GCACACAAAGT CAAGCATGCG ACCTTCAACC	50
ATCGACCCGA GCTTACTCTC ATGTAGTTCC	80

(2) INFORMATION FOR SEQ ID NO:170:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 80 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:170:

CTACCTACGA TCTGACTAGC ATGCCAGTGC AGGCTCCAT CCATCAGTCT	50
GACANNNNNN GCTTACTCT CATGTAGTTCC	80

(2) INFORMATION FOR SEQ ID NO:171:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 79 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:171:

CTACCTACGA TCTGACTAGC CACTTCGGCT CTACTCCACC TCGGTCCCTCC	50
ACTCCACAG GCTTACTCTCA TGTAGTTCC	79

(2) INFORMATION FOR SEQ ID NO:172:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 80 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:172:

CTACCTACGA TCTGACTAGC CGCTAACTGA CCCTCGATCC CCCCAAGCCA	50
TCCTCATCGC GCTTACTCTC ATGTAGTTCC	80

(2) INFORMATION FOR SEQ ID NO:173:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 90 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:173:

CTACCTACGA TCTGACTAGC ATCTGACTAG CTCGGCGAGA GTACCCGCTC	50
ATGGCTTCGG CGAATGCCCT GCTTACTCTC ATGTAGTTCC	90

(2) INFORMATION FOR SEQ ID NO:174:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 80 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:174:

CTACCTACGA TCTGACTAGC TCCTGAGAGC TTACAATAGG CTGCGGTACT	50
GCAACGTGGA GCTTACTCTC ATGTAGTTCC	80

(2) INFORMATION FOR SEQ ID NO:175:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 79 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:175:

CTACCTACGA TCTGACTAGC CGGCAGGGCA CTAACAAGGT GTTAAACGTT	50
ACGGATGCCG CTTACTCTCA TGTAGTTCC	79

(2) INFORMATION FOR SEQ ID NO:176:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 90 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:176:

CTACCTACGA TCTGACTAGC TGCACACCGG CCCACCCGGA CAAGGCGCTA	50
GACGAAATGA CTCTGTTCTG GCTTACTCTC ATGTAGTTCC	90

(2) INFORMATION FOR SEQ ID NO:177:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 79 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:177:

CTACCTACGA TCTGACTAGC GACGAAGAGG CCAAGGTGAT AACCGGAGTT	50
TCCGTCCGCG CTTACTCTCA TGTAGTTCC	79

(2) INFORMATION FOR SEQ ID NO:178:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 79 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:178:

CTACCTACGA TCTGACTAGC AAGGACTTAG CTATCCAAGG CACTCGACGA	50
AGAGCCCGAG CTTACTCTCA TGTAGTTCC	79

(2) INFORMATION FOR SEQ ID NO:179:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 80 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:179:

CTACCTACGA TCTGACTAGC ATGCCAGTT CAAGGTTCTG ACCGAAATGA	50
CTCTGTTCTG GCTTACTCTC ATGTAGTTCC	80

(2) INFORMATION FOR SEQ ID NO:180:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 80 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:180:

CTACCTACGA TCTGACTAGC GCAGCGTGGC CCTGTTAGC TCATTTGACC	50
GTTCCATCCG GCTTACTCTC ATGTAGTTCC	80

(2) INFORMATION FOR SEQ ID NO:181:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 18 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:181:

TACAAGGYGY TAVACGTA	18
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(2) INFORMATION FOR SEQ ID NO:182:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 8 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:182:

GGCCCCGT	8
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(2) INFORMATION FOR SEQ ID NO:183:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 10 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:183:

RCACGAYACA	10
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(2) INFORMATION FOR SEQ ID NO:184:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 7 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:184:

CTTACCT	7
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(2) INFORMATION FOR SEQ ID NO:185:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 49 base pairs

(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE: DNA
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:185:
TAGCCAAGGT AACCAAGTACA AGGTGCTAAA CGTAATGGCT TCGGCTTAC 49

(2) INFORMATION FOR SEQ ID NO:186:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 41 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE: DNA
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:186:
GTAACCAGTA CAAGGTGCTA AACGTAATGG CTTGGCTTA C 41

(2) INFORMATION FOR SEQ ID NO:187:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 26 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE: DNA
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:187:
CCAGTACAAG GTGCTAACG TAATGG 26

(2) INFORMATION FOR SEQ ID NO:188:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 38 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE: DNA
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:188:
CGCGGTAACC AGTACAAGGT GCTAACGTA ATGGCGCG 38

(2) INFORMATION FOR SEQ ID NO:189:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 36 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE: DNA
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:189:
GCGGTAACCA GTACAAGGTG CTAAACGTA TGGCGC 36

(2) INFORMATION FOR SEQ ID NO:190:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 50 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:190:
ACATGAGCGT TACAAGGTGC TAAACGTAAC GTACTTGCTT ACTCTCATGT 50

(2) INFORMATION FOR SEQ ID NO:191:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 44 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:191:
CGCGCGTTAC AAGGTGCTAA ACGTAACGTA CTTGCTTACT CGCG 44

(2) INFORMATION FOR SEQ ID NO:192:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 26 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:192:
GCGTTACAAG GTGCTAAACG TAACGT 26

(2) INFORMATION FOR SEQ ID NO:193:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 52 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) MOLECULAR TYPE:

(ix) FEATURE:
(D) OTHER INFORMATION: N at position 1 is an amino modifier C6 dt
(ix) FEATURE:
(D) OTHER INFORMATION: Nucleotide 51 is an inverted-orientation (3'3' linkage) phosphoramidite

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:193:
NTAGCCAAGG TAACCAGTAC AAGGTGCTAA ACGTAATGGC TTCGGCTTAC 50
TT 52

(2) INFORMATION FOR SEQ ID NO:194:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 48 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:194:
TAGCCATTCA CCATGGCCCC TTCCCTACGTA TGTTCTGCGG GTGGCTTA 48

(2) INFORMATION FOR SEQ ID NO:195:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 47 base pairs
(B) TYPE: nucleic acid

(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE: DNA
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:195:
AGCTGGCGGT ACAGGGCCGTG CACCCACTTA CCTGGGAAGT GAGCTTA 47

(2) INFORMATION FOR SEQ ID NO:196:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 29 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE: DNA
(ix) FEATURE:
(D) OTHER INFORMATION: N at position 1 is an amimo
modifier C6 dT
(ix) FEATURE:
(D) OTHER INFORMATION: Nucleotide number 28 is an
inverted-orientation (3'3' linkage) phosphoramidite
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:196:
NCCAGTACAA GGTGCTAAC ACATAATGGTT 29

(2) INFORMATION FOR SEQ ID NO:197:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 40 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE: DNA
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:197:
TAATACGACT CACTATAGGG AGACAAGAAC AAACGCTCAA 40

(2) INFORMATION FOR SEQ ID NO:198:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 24 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE: DNA
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:198:
GCCTGTTGTG AGCCTCCTGT CGAA 24

(2) INFORMATION FOR SEQ ID NO:199:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 96 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE: RNA
(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-F cytosine
(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-F uracil
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:199:

GGGAGACAAG AAUAAACGCU CAACGAAUCA GUAAACAUAA CACCAUGAAA 50
CAUAAAUGC ACGCGAGACG UCUUCGACAG GAGGCUCACA ACAGGC 96

(2) INFORMATION FOR SEQ ID NO:200:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 95 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: RNA
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All C's are 2'-F cytosine
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All U's are 2'-F uracil
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:200:

GGGAGACAAG AAUAAACGCU CAACGAGUUC ACAUGGGAGC AAUCUCCGAA 50
UAAACAAACAC GCKAKCGCAA AUUCGACAGG AGGCUCACAA CAGGC 95

(2) INFORMATION FOR SEQ ID NO:201:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 96 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: RNA
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All C's are 2'-F cytosine
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All U's are 2'-F uracil
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:201:

GGGAGACAAG AAUAAACGCU CAACGACCAC AAUACAAACU CGUAUGGAAC 50
ACCGCAGCGA CAGUGACGCA UUUUCGACAG GAGGCUCACA ACAGGC 96

(2) INFORMATION FOR SEQ ID NO:202:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 97 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: RNA
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All C's are 2'-F cytosine
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All U's are 2'-F uracil
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:202:

GGGAGACAAG AAUAAACGCU CAACGUCAAG CCAGAAUCCG GAACACGCGA 50
GAAAACAAAU CAACGACCAA UCGAUUCGAC AGGAGGCUA CAAAGGC 97

(2) INFORMATION FOR SEQ ID NO:203:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 97 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE:RNA
(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-F cytosine
(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-F uracil
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:203:
GGGAGACAAG AAUAAACNCU CAACGACCAC AAUAACCGGA AAUCCCCGCG 50
GUUACGGAAC ACGCGAACAU GAAUUCGACA GGAGGCUCAC AACAGGC 97

(2) INFORMATION FOR SEQ ID NO:204:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 95 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE:RNA
(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-F cytosine
(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-F uracil
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:204:
GGGAGACAAG AAUAAACGCU CAACGAACCA CGGGGAAAUC CACCAGUAAC 50
ACCGGAGGCA AACAGACCCU CUUCGACAGG AGGCUCACAA CAGGC 95

(2) INFORMATION FOR SEQ ID NO:205:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 97 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE:RNA
(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-F cytosine
(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-F uracil
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:205:
GGGAGACAAG AAUAAACGCU CAACGAGCAA AAGUACUCAC GGGACCAGGA 50
GAUCAGCAAC ACGCGAGACG AAAUUCGACA GGAGGCUCAC AACAGGC 97

(2) INFORMATION FOR SEQ ID NO:206:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 96 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE:RNA
(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-F cytosine
(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-F uracil
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:206:
GGGAGACAAG AAUAAACGCU CAACGAGCCA GGAACAUUCGA CGUCAGCAAA 50
CGCGAGCGCA ACCAGUAACA CCUUCGACAG GAGGCUCACACACAGGC 96

(2) INFORMATION FOR SEQ ID NO:207:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 94 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-F cytosine

(ix) FEATURE:

- (D) OTHER INFORMATION: All U's are 2'-F uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:207:

GGGAGACAAG	AAUAAACGCU	CAACGCACCA	GGAACAAACGA	GAACCAUCAG	50
UAAGCGCGAG	CGAUUGCAUG	UUCGACAGGA	GGCUCACAAAC	AGGC	94

(2) INFORMATION FOR SEQ ID NO:208:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 94 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-F cytosine

(ix) FEATURE:

- (D) OTHER INFORMATION: All U's are 2'-F uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:208:

GGGAGACAAG	AAUAAACGCU	CAACGCACCA	GGAACAAACAA	GAACCAUCAG	50
UAAGCGCGAG	CGAUUGCAUA	UUCGACAGGA	GGCUCACAAAC	AGGC	94

(2) INFORMATION FOR SEQ ID NO:209:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 101 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-F cytosine

(ix) FEATURE:

- (D) OTHER INFORMATION: All U's are 2'-F uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:209:

GGGAGACAAG	AAUAAACGCU	CAACGAGCAA	GGAACGAAUA	CAAACCCAGGA	50
AACUCAGCAA	CACGCGAGCA	GUAGAGAUUC	GACAGGAGGC	UCACAACAGG	100
C					101

(2) INFORMATION FOR SEQ ID NO:210:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 97 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE:

(ix) FEATURE:

(D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:210:
 GGGAGACAAG AAUAAACGCU CAACAGUUCA CUCAACCGGC ACCAGACUAC 50
 GAUCAGCAUU GGCGAGUGAA CACUUCGACA GGAGGCUCAC AACAGGC 97

(2) INFORMATION FOR SEQ ID NO:211:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 96 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE:RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:211:
 GGGAGACAAG AAUAAACGCU CAACUGGCAA CGGGAUAAACA ACAAAUGUCA 50
 CCAGCACUAG CGAGACGGAA GGUUCGACAG GAGGCUCACA ACAGGC 96

(2) INFORMATION FOR SEQ ID NO:212:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 97 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE:RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:212:
 GGGAGACAAG AAUAAACGCU CAACGAUGAG CGUGACCGAA GCUAUAAUCA 50
 GGUCGAUUCA CCAAGCAAUC UUAUUCGACA GGAGGCUCAC AACAGGC 97

(2) INFORMATION FOR SEQ ID NO:213:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 95 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE:RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:213:
 GGGAGACAAG AAUAAACGCU CAAAGGAUCA CACAAACAUC GGUCAAUAAA 50
 UAAGUAUUGA UAGCGGGGAU AUUCGACAGG AGGCUCACAA CAGGC 95

(2) INFORMATION FOR SEQ ID NO:214:
 (i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 97 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE:RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:214:
 GGGAGACAAG AAUAAACGCU CAAACAACCA ACCAUCUAGA GCUUCGAACC 50
 AUGGUAUACA AGGGAACACAA AAAUUCGCGG AGGCUCCAAAC AGGCGGC 97

(2) INFORMATION FOR SEQ ID NO:215:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 96 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE:RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:215:
 GGGAGACAAG AAUAAACGCU CAAAGCGGUCA GAAACAAUAG CUGGAUACAU 50
 ACCCGCGCAUC CGCUGGGCGA UAUUCGACAG GAGGCUCACA ACAGGC 96

(2) INFORMATION FOR SEQ ID NO:216:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 97 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE:RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:216:
 GGGAGACAAG AAUAAACGCU CAAACAAGAG AGUCAAACCA AGUGAGAUCA 50
 GAGCGUUUAG CGCGGAAAGC ACAUUCGACA GGAGGCUCAC AACAGGC 97

(2) INFORMATION FOR SEQ ID NO:217:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 96 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE:RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:217:
 GGGAGACAAG AAUAAAACGCU CAAACUCGAC UAGUAAUCAC CCUAGCAUAA 50
 AUCUCCUCGA GCACAGACGA UAUUCGACAG GAGGCUCACA ACAGGC 96

(2) INFORMATION FOR SEQ ID NO:218:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 94 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE:RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:218:
 GGGAGACAAG AAUAAAACGCU CAAUCAGCAG UAAGCGAUCC UAUAAAGAUC 50
 AACUAGCCAA AGAUGACUUA UUCGACAGGA GGCUCACAAAC AGGC 94

(2) INFORMATION FOR SEQ ID NO:219:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 95 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE:RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:219:
 GGGAGACAAG AAUAAAACGCU CAAAAAGACG UAUUCGAUUC GAAACGAGAA 50
 AGACUUCAAG UGAGCCCGCA GUUCGACAGG AGGCUCACAAAC CAGGC 95

(2) INFORMATION FOR SEQ ID NO:220:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 49 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE:RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:220:
 CUCAACGAAU CAGUAAACAU AACACCAUGA AACAUAAAUA GCACGCGAG 49

(2) INFORMATION FOR SEQ ID NO:221:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 47 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE:RNA
(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-F cytosine
(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-F uracil
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:221:
CUCAACGAGU UCACAUGGGA GCAAUCUCCG AAUAAACAAAC ACGCGAG 47

(2) INFORMATION FOR SEQ ID NO:222:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 39 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE:RNA
(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-F cytosine
(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-F uracil
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:222:
CUAACGAAAC CACGGGGAAA UCCACCAGUA ACACGCGAG 39

(2) INFORMATION FOR SEQ ID NO:223:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 38 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE:RNA
(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-F cytosine
(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-F uracil
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:223:
CUAACGAGC CAGGAACAAUC GACGUCAGCA AACGCGAG 38

(2) INFORMATION FOR SEQ ID NO:224:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 42 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE:RNA
(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-F cytosine
(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-F uracil
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:224:
CGCUCAACGA GCCAGGAACA UCGACGUCAG CAAACGCGAG CG 42

(2) INFORMATION FOR SEQ ID NO:225:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 35 base pairs
(B) TYPE: nucleic acid

(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE:RNA
(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-F cytosine
(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-F uracil
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:225:
CUCAACGAGC CAGGACUACG AUCAGCAAAC GCGAG

35

(2) INFORMATION FOR SEQ ID NO:226:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 42 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE:RNA
(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-F cytosine
(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-F uracil
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:226:
CUAACGAC CAGGAACAAAC GAGAACCAUC AGUAAACGCG AG

42

(2) INFORMATION FOR SEQ ID NO:227:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 42 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE:RNA
(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-F cytosine
(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-F uracil
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:227:
CUAACGAC CAGGAACAAAC AAGAACCAUC AGUAAGCGCG AG

42

(2) INFORMATION FOR SEQ ID NO:228:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 40 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE:RNA
(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-F cytosine
(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-F uracil
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:228:
CACUCAACCG GCACCAGACU ACGAUCAGCA UUGGCGAGUG

40

(2) INFORMATION FOR SEQ ID NO:229:
(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 45 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE:RNA
(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-F cytosine
(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-F uracil
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:229:
GAAUCCGGAA CACGCGAGAA AACAAAUCAA CGACCAAUCG AUUCG 45

(2) INFORMATION FOR SEQ ID NO:230:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 38 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE:RNA
(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-F cytosine
(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-F uracil
(ix) FEATURE:
(B) LOCATION: 7, 9, 14, 21
(D) OTHER INFORMATION: G are 2'-O-methyl guanine
(ix) FEATURE:
(B) LOCATION: 8, 15, 18, 22, 27, 31
(D) OTHER INFORMATION: A are 2'-O-methyl adenine
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:230:
CUCAACGAGC CAGGAACAUCAUC GACGUCAGCA AACGCGAG 38

(2) INFORMATION FOR SEQ ID NO:231:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 38 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE:RNA
(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-F cytosine
(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-F uracil
(ix) FEATURE:
(B) LOCATION: 7, 9, 13, 14, 21, 24, 28
(D) OTHER INFORMATION: G are 2'-O-methyl-guanine
(ix) FEATURE:
(B) LOCATION: 8, 15, 18, 22, 27, 30, 31
(D) OTHER INFORMATION: A are 2'-O-methyl-adenine
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:231:
CUCAACGAGC CAGGAACAUCAUC GACGUCAGCA AACGCGAG 38

(2) INFORMATION FOR SEQ ID NO:232:
(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 38 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE:RNA
(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-F cytosine
(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-F uracil
(ix) FEATURE:
(B) LOCATION: 7, 9, 14, 21, 36
(D) OTHER INFORMATION: G are 2'-O-methyl-guanine
(ix) FEATURE:
(B) LOCATION: 8, 15, 18, 22, 27, 31, 37
(D) OTHER INFORMATION: A are 2'-O-methyl-adenine
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:232:
CUCAACGAGC CAGGAACAUC GACGUCAGCA AACGCGAG

38

(2) INFORMATION FOR SEQ ID NO:233:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 38 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE:RNA
(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-F cytosine
(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-F uracil
(ix) FEATURE:
(B) LOCATION: 7, 9, 13, 14, 21, 24, 28, 36
(D) OTHER INFORMATION: G are 2'-O-methyl-guanine
(ix) FEATURE:
(B) LOCATION: 8, 15, 18, 22, 27, 30, 31, 37
(D) OTHER INFORMATION: A are 2'-O-methyl-adenine
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:233:
CUCAACGAGC CAGGAACAUC GACGUCAGCA AACGCGAG

38

(2) INFORMATION FOR SEQ ID NO:234:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 38 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE:RNA
(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-F cytosine
(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-F uracil
(ix) FEATURE:
(B) LOCATION: 7, 9, 14
(D) OTHER INFORMATION: G are 2'-O-methyl-guanine
(ix) FEATURE:
(B) LOCATION: 8, 15, 18, 27, 31

(D) OTHER INFORMATION: A are 2'-O-methyl-adenine
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:234:
CUCAACGAGC CAGGAACAUC GACGUCAGCA AACCGGAG 38

(2) INFORMATION FOR SEQ ID NO:235:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 38 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE:RNA
(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-F cytosine
(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-F uracil
(ix) FEATURE:
(B) LOCATION: 7, 9, 13, 14, 24
(D) OTHER INFORMATION: G are 2'-O-methyl-guanine
(ix) FEATURE:
(B) LOCATION: 8, 15, 18, 22, 27, 31
(D) OTHER INFORMATION: A are 2'-O-methyl-adenine
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:235:
CUCAACGAGC CAGGAACAUC GACGUCAGCA AACCGGAG 38

(2) INFORMATION FOR SEQ ID NO:236:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 59 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE:RNA
(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-F cytosine
(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-F uracil
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:236:
CUCAACGAGC AAAAGUACUC ACGGGACCAAG GAGAUCAGCA ACACGCGAGA 50
CGAAAUUCG 59

(2) INFORMATION FOR SEQ ID NO:237:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 43 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE:RNA
(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-F cytosine
(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-F uracil
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:237:
CGCUCAACGA CCACAAUACA AACUCGUAUG GAACACGCGA GCG 43

(2) INFORMATION FOR SEQ ID NO:238:

(i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 51 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE:RNA

(ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine

(ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:238:
 CGCUAACUG GCAACGGGAU AACAAACAAU GUCACCAGCA CUAGCGAGAC 50
 G 51

(2) INFORMATION FOR SEQ ID NO:239:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 41 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE:RNA

(ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine

(ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:239:
 UCACUCAACC GGCACCAGAC UACGAUCAGC AUUGGCGAGU G 41

(2) INFORMATION FOR SEQ ID NO:240:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 70 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE:RNA

(ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine

(ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:240:
 GGGAGACAAG AAUAAACGCU CAACGAGCAA GGAACGAAUA CAAACCAGGA 50
 AACUCAGCAA CACGCGAGCA 70

(2) INFORMATION FOR SEQ ID NO:241:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 51 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE:RNA

(ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine

(ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:241:
 CUCAACGACC ACAAAUACCG GAAAUCCCG CGGUUACGGA ACACGCGAAC 50
 A 51

(2) INFORMATION FOR SEQ ID NO:242:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 69 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE:RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:242:
 AGAAUAAAAG CUCAACGAUG AGCGUGACCG AAGCUAUAAU CAGGUCGAUU 50
 CACCAAGCAA UCUUAUUCG 69

(2) INFORMATION FOR SEQ ID NO:243:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 50 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE:RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:243:
 ACGCUCAAAG GAUCACACAA ACAUCGGUCA AUAAAUAAGU AUUGAUAGCG 50

(2) INFORMATION FOR SEQ ID NO:244:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 52 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE:RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:244:
 GCUCAAGCGG UCAGAAACAA UAGCUGGAUA CAUACCGCGC AUCCGCUGGG 50
 CG 52

(2) INFORMATION FOR SEQ ID NO:245:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 58 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE:RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:245:
 ACCAUCUAGA GCUUCGAACC AUGGUAUACA AGGAAACACA AAAUUCGCGG 50
 AGGCUCCA 58

(2) INFORMATION FOR SEQ ID NO:246:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 96 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE:RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:246:
 GGGAGACAAG AUAAAACGCU AAACAAGAGA GUCAAACCAA GUGAGAUCAG 50
 AGCGUUUAGC GCGGAAAGCA CAUUCGACAG GAGGCUCACA ACAGGC 96

(2) INFORMATION FOR SEQ ID NO:247:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 87 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE:RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:247:
 GGGAGACAAG AAUAAAACGCU CAAAAAGACG UAUUCGAUUC GAAACGAGAA 50
 AGACUUCAAG UGAGCCCGCA GUUCGACAGG AGGCUCA 87

(2) INFORMATION FOR SEQ ID NO:248:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 97 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE:RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:248:
 GGGAGACAAG AAUAAAACGCU CAANNNNNNN NNNNNNNNNN NNNNNNNNNN 50
 NNNNNNNNNN NNNNNNNNNN NNUUCGACA GGAGGCUCAC AACAGGC 97

(2) INFORMATION FOR SEQ ID NO:249:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 40 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: DNA
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:249:

TAATACGACT CACTATAGGG AGACAAGAAT AAACGCTCAA 40

(2) INFORMATION FOR SEQ ID NO:250:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 24 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: DNA
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:250:

GCCTGTTGTG AGCCTCCTGT CGAA 24

(2) INFORMATION FOR SEQ ID NO:251:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 97 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE:RNA
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:251:

GGGAGACAAG AAUAAACGCU CAAGCCCCAA ACGCAAGCGA GCAUCCGCAA 50
CAGGGAAGAA GACAGACGAA UGAUUCGACA GGAGGCUCAC AACAGGC 97

(2) INFORMATION FOR SEQ ID NO:252:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 97 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE:RNA
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:252:

GGGAGACAAG AAUAAACGCU CAAGCCCCAA ACGCAAGUGA GCAUCCGCAA 50
CAGGGAAGAA GACAGACGAU UGAUUCGACA GGAGGCUCAC AACAGGC 97

(2) INFORMATION FOR SEQ ID NO:253:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 98 base pairs
 - (B) TYPE: nucleic acid

(C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE:RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:253:
 GGGAGACAAG AAAUAAACNC UCAAGCCCCA AACGCAAGUG AGCAUCCGCA 50
 ACAGGGAAGA AGACAGAUGA AUGAUUCGAC AGGAGGCUCA CAACAGGC 98

(2) INFORMATION FOR SEQ ID NO:254:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 95 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE:RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:254:
 GGGAGACAAG AAUAAACNCU CAAGCCCCAA GCAAGUGAGC AUCCGCAACAA 50
 GGGAAAGAAGA CAGACGAGUG AUUCGACAGG AGGCUCACAA CAGGC 95

(2) INFORMATION FOR SEQ ID NO:255:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 97 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE:RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:255:
 GGGAGACAAG AAUAAACNCU CAAGCCCCAA ACGCAAGUGA GCAUCCGCAA 50
 CAGGGAAAGAA GACAGACGAA UGAUUCGACA GGAGGCUCAC AACAGGC 97

(2) INFORMATION FOR SEQ ID NO:256:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 97 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE:RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:256:
 GGGAGACAAG AAUAAACGCU CAAGCAAAAG GCGUAAAUC ACCUCCGCAA 50

(2) INFORMATION FOR SEQ ID NO:257:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 98 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE:RNA

(ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:

- (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:257:

GGGAGACAAG	AAUAAAACGCU	CAAACAGCUA	CAAGUGGGAC	AACAGGGUAC	50
AGCGGAGAGA	AACAUCCAAA	CAAGUUCGAC	AGGAGGCUCA	CAACAGGC	98

(2) INFORMATION FOR SEQ ID NO:258:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 95 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE:RNA

(ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:

- (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:258:

GGGAGACAAG	AAUAAAACGCU	CAAACUCAACU	AAACAAACGCA	GUCACGAGAA	50
CGACCGGKCU	GACUCCGAAA	GUUCGACAGG	AGGCUCACAA	CAGGC	95

(2) INFORMATION FOR SEQ ID NO:259:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 95 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE:RNA

(ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:

- (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:259:

GGGAGACAAG	AAUAAAACGCU	CAAACGAGAG	CACCAAGGCA	ACAGAUGCAG	50
AAGAAGUGUG	CGCGCGCGAA	AUUCGACAGG	AGGCUCACAA	CAGGC	95

(2) INFORMATION FOR SEQ ID NO:260:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 98 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE:RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:260:
 GGGAGACAAG AAUAAAACGCU CAAUAAGACA ACGAACAGAC AGAAGCGAAA 50
 AAGGGGCGCC GCAGCAACAA CAAAUUCGAC AGGAGGCUCA CAACAGGC 98

(2) INFORMATION FOR SEQ ID NO:261:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 94 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE:RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:261:
 GGGAGACAAG AAUAAAACGCU CAACGUGUAC CACAAACAGUU CCACGGAAGC 50
 UGGAAUAGGA CGCAGAGGAA UUCGACAGGA GGCUCACAAAC AGGC 94

(2) INFORMATION FOR SEQ ID NO:262:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 94 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE:RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:262:
 GGGAGACAAG AAUAAAACGCU CAAACAAAAU UWUGGGUGGGC CCCGCAACMG 50
 GRRGGGRAGRC CGUUGAAGGC UUCGACAGGA GGCUCACAAAC AGGC 94

(2) INFORMATION FOR SEQ ID NO:263:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 94 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE:RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:263:
 GGGAGACAAG AAUAAAACGCU CAAGAUCAUA ACGAGAGGAG AGGGAGAACU 50
 ACACGCGCGC GAGGAAAGAG UUCGACAGGA GGCUCACAAAC AGGC 94

(2) INFORMATION FOR SEQ ID NO:264:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 89 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE:RNA

(ix) FEATURE:

(D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:

(D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:264:

GGGAGACAAG	AAUAAACGCU	CAAACACAAA	UCGGGCAGGG	ACUGGGUJUGG	50
GCACGGCAGG	GCGCCUUCGA	CAGGAGGCUC	ACAAACAGGC		89

(2) INFORMATION FOR SEQ ID NO:265:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 97 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE:RNA

(ix) FEATURE:

(D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:

(D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:265:

GGGAGACAAG	AAUAAACGCU	CAAGUGGGCU	CGGGCCGGAU	GUCUACGGGU	50
GUGAAGAAC	CCCUAGGGCA	GGGUUCGACA	GGAGGCUCAC	AACAGGC	97

(2) INFORMATION FOR SEQ ID NO:266:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 95 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE:

(ix) FEATURE:RNA

(D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:

(D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:266:

GGGAGACAAG	AAUAAACGCU	CAAGAUCAGC	GGAACUAAGA	AAUGGAAGGC	50
UAAGCACCGG	GAUCGGGAGA	AUUCGACAGG	AGGCUCACAA	CAGGC	95

(2) INFORMATION FOR SEQ ID NO:267:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 95 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE:RNA

(ix) FEATURE:

(D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:267:
 GGGAGACAAG AAUAAACGCU CAAUAACAAA GCAGCAAAGU ACCAGAGGAG 50
 AGUUGGCAGG GUUUAGGCAG CUUCGACAGG AGGCUCACAA CAGGC 95

(2) INFORMATION FOR SEQ ID NO:268:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 95 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE:RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:268:
 GGGAGACAGA AUAAACGCUC AAAGACCAAG GGACAGCAGC GGGGAAAAAC 50
 AGAUCACAGC UGUAAGAGGG CUUCGACAGG AGGCUCACAA CAGGC 95

(2) INFORMATION FOR SEQ ID NO:269:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 93 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE:RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:269:
 GGGAGACAAG AAUAAACGCU CAAAGUCGGG GAUAGAAACA CACUAAGAAG 50
 UGCAUCAGGU AGGAGAUAAU UCGACAGGNG GCUCACAACA GGC 93

(2) INFORMATION FOR SEQ ID NO:270:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 95 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE:RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:270:
 GGGAGACAAG AAUAAACGCU CAAGAGUAUC ACACAAACCG GCACGGACUA 50
 AGCAGAAGGA GGUACGGAAG AUUCGACAGG AGGCUCACAA CAGGC 95

(2) INFORMATION FOR SEQ ID NO:271:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 94 base pairs

(B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE:RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂, cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂, uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:271:
 GGGAGACAAG AAUAAACNCU CAAAGAAAUA GAAGGAACAG AAGAAUGGBG 50
 AWGNGGGAAA UGGCAACGAA UUCGACAGGN GGCUCACAAAC AGGC 94

(2) INFORMATION FOR SEQ ID NO:272:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 97 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE:RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂, cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂, uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:272:
 GGGAGACAAG AAUAAACGCU CAAACGAGAC CCUGGAUACG AGGCUGAGGG 50
 AAAGGGAGMM MRRAMCUARR CKCUUCGACA GGAGGCUCAC AACAGGC 97

(2) INFORMATION FOR SEQ ID NO:273:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 96 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE:RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂, cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂, uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:273:
 GGGAGACAAG AAUAAACGCU CAAGAAGGAU ACUUAGGACU ACGUGGGAUG 50
 GGAUGAAAUG GGAGAACGGG AGUUCGACAG GAGGCUCACA ACAGGC 96

(2) INFORMATION FOR SEQ ID NO:274:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 96 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE:RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂, cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂, uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:274:

GGGAGACAAG AAUAAACGCU CAAAACGCAC AAAGUAAGGG ACGGGAUGGA	50
UCGCCCUAGG CUGGAAGGG ACUUCGACAG GAGGCUCACA ACAGGC	96

(2) INFORMATION FOR SEQ ID NO:275:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 96 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE:RNA

(ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:

- (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:275:

GGGAGACAAG AAUAAACGCU CAAGGUGAAC GGCAGCAAGG CCCAAAACGU	50
AAGGCCGGAA ACNGGAGAGG GAUUCGACAG GNGGCUCACA ACAGGC	96

(2) INFORMATION FOR SEQ ID NO:276:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 96 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE:RNA

(ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:

- (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:276:

GGGAGACAAG AAUAAACGCU CAAUGAUUAU CACGUAGCA CUGAACCCAGG	50
CUGAGAUCCA UCAGUGCCCA GGUUCGACAG GAGGCUCACA ACAGGC	96

(2) INFORMATION FOR SEQ ID NO:277:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 94 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE:RNA

(ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:

- (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:277:

GGGAGACAAG AAUAAACGCU CAAGAUCAUA ACGAGAGGGAG AGGGAGAACU	50
ACACGCGCGC GAGGAAAGAG UUCGACAGGA GGCUCACAAAC AGGC	94

(2) INFORMATION FOR SEQ ID NO:278:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 96 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE:RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:278:
 GGGAGACAAG AAUAAAACGCU CAAUCAAGUA AGGAGGAAGG GUCGUGACAG 50
 AAAAACGAGC AAAAACGCG AGUUCGACAG GAGGCUCACA ACAGGC 96

(2) INFORMATION FOR SEQ ID NO:279:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 93 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE:RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil (xi)
 SEQUENCE DESCRIPTION: SEQ ID NO:279:
 GGGAGACAAG AAUAAAACGCU CAAAAGGUGC CGGGUUGGAG GGGUAGCAAAG 50
 AAAUGGCUAG GGCGCASGAU UCGACAGGNG GCUCACAAACA GGC 93

(2) INFORMATION FOR SEQ ID NO:280:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 97 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE:RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:280:
 GGGAGACAAG AAUAAAACGCU CAACCAACGC GCACCCCGCA GCAAACGAAA 50
 UUGGGGAGAC AGGUGCAAGA CAGUUCGACA GGAGGCUCAC AACAGGC 97

(2) INFORMATION FOR SEQ ID NO:281:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 97 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE:RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:281:
 GGGAGACAAG AAUAAAACKCU CAACAAACAA UAUCGGCGCA GGAAAACGUA 50
 GAAACGAAAM GGAGCUGCGY GGAUUCGACA GGAGGCUCAC AACAGGC 97

(2) INFORMATION FOR SEQ ID NO:282:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 93 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: single

(D) TOPOLOGY: linear

(ii) MOLECULAR TYPE:RNA

(ix) FEATURE:

(D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:

(D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:282:

GGGAGACAAG AAUAAACGCU CAAUGAUAGC ACAGUGUUAAG AAAACGCA 50
ACACCGCGCG CGGAAAGAGU UCGACAGGAG GCUCACAAACA GGC 93

(2) INFORMATION FOR SEQ ID NO:283:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 96 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: single

(D) TOPOLOGY: linear

(ii) MOLECULAR TYPE:RNA

(ix) FEATURE:

(D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:

(D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:283:

GGGAGACAAG AAUAAACGCU CAAGAUCAUC GCAGUAUCGG AAUCGACCCU 50
CAGUGGGUGA CAUGCGGACA AGUUCGACAG GAGGCUCACA ACAGGC 96

(2) INFORMATION FOR SEQ ID NO:284:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 97 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: single

(D) TOPOLOGY: linear

(ii) MOLECULAR TYPE:RNA

(ix) FEATURE:

(D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:

(D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:284:

GGGAGACAAG AAUAAACGCU CAAGUACCGG GAAGGGGAUGA ACUGGGAUAU 50
GGGAACCGGAG GUCAGAGGCA CGAUUCGACA GGAGGCUCAC AACAGGC 97

(2) INFORMATION FOR SEQ ID NO:285:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 97 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: single

(D) TOPOLOGY: linear

(ii) MOLECULAR TYPE:RNA

(ix) FEATURE:

(D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:285:
GGGAGACAAG AAUAAACGCU CAAGCAAUGG AACGCUAGGA GGGAAACAUAA 50
GCAGGGCGAG CGGAGUCGAU AGCUUCGACA GGAGGCUCAC AACAGGC 97

(2) INFORMATION FOR SEQ ID NO:286:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 97 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE:RNA
(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:286:
GGGAGACAAG AAUAAACGCU CAAAACAGAA CUGAUCGGCG CAGGUUGAUA 50
AAGGGGCAGC GCGAAGAUCA CAAUUCGACA GGAGGCUCAC AACAGGC 97

(2) INFORMATION FOR SEQ ID NO:287:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 97 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE:RNA
(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:287:
GGGAGACAAG AAUAAACGCU CAAGGGAAAC GGAAAGGGAC AAGGCGAACAA 50
GACGAGAAGU AGACGGAGUA GGAAUUCGACA GGAGGCUCAC AACAGGC 97

(2) INFORMATION FOR SEQ ID NO:288:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 97 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE:RNA
(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:288:
GGGAGACAAG AAUAAACGCU CAANNNGAGG AAGGGCACGC AAGGAAACAA 50
AACACAAAGC AGAAGUAGUA AGAUUCGACA GGAGGCUCAC AACAGGC 97

(2) INFORMATION FOR SEQ ID NO:289:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 95 base pairs

- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE:RNA
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:289:

GGGAGACAAG	AAUAAAACGCU	CAAGUACRCA	GUGAGCAGAA	GCAGAGAGAC	50
UUGGGAUAGGG	AUGAAAUGGK	CUUCGACAGG	AGGCUCACAA	CAGGC	95

(2) INFORMATION FOR SEQ ID NO:290:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 97 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:

- (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:290:

GGGAGACAAG	AAUAAACNCU	CAACCGACGU	GGACDCGCAU	CGGCAUCCAG	50
ACCAGGCUGN	BCNGCACCAS	ACGUUCGACA	GGAGGCUCAC	AACAGGC	97

(2) INFORMATION FOR SEQ ID NO:291:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 11 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE:RNA

(ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:

- (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:291:

GGGAAGAAGA C 11

(2) INFORMATION FOR SEQ ID NO:292:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 66 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-F cytosine

(ix) FEATURE:

- (D) OTHER INFORMATION: All U's are 2'-F uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:292:

GGGAGGGACGA UGCGGGNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN 50

(2) INFORMATION FOR SEQ ID NO:293:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 61 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-F cytosine

(ix) FEATURE:

- (D) OTHER INFORMATION: All U's are 2'-F uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:293:

GGGAGGACGA	UGCGGGCAAA	UUGCAUGCUG	UUUCGAGUGC	UUGCUCAGAC	50
GACUCGCCCG	A				61

(2) INFORMATION FOR SEQ ID NO:294:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 71 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-F cytosine

(ix) FEATURE:

- (D) OTHER INFORMATION: All U's are 2'-F uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:294:

GGGAGGACGA	UGCGGUGCUU	AAACAACGCG	UGAAUCGAGU	UCAUCCACUC	50
CUCCUCAGAC	GACUCGCCCG	A			71

(2) INFORMATION FOR SEQ ID NO:295:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 72 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-F cytosine

(ix) FEATURE:

- (D) OTHER INFORMATION: All U's are 2'-F uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:295:

GGGAGGACGA	UGCGGUUAU	UCAGUCUCAA	ACGGUGCGUU	UAUCGAGCCA	50
CUGAUCWGAC	GACUCGCCCG	AA			72

(2) INFORMATION FOR SEQ ID NO:296:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 71 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single

(D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:296:
 GGGAGGACGA UGCAGGUUAG AGCUCAAACG GUGUGACUUU CAAGCCCUCU 50
 AUGCCCAAGAC GACUCGCCCG A 71

(2) INFORMATION FOR SEQ ID NO:297:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 61 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:297:
 GGGAGGACGA UGCAGGUACCU CAAAUUGCGU GUUUUCAAGC AGUAUCAGAC 50
 GACUCGCCCG A 61

(2) INFORMATION FOR SEQ ID NO:298:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 61 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:298:
 GGGAGGACGA UGCAGGUACCU CAAAUAAACGU GUCUUUCAAG UGGGUCAGAC 50
 GACUCGCCCG A 61

(2) INFORMATION FOR SEQ ID NO:299:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 61 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:299:
 GGGAGGACGA UGCAGGUACCU CAAAUAGCGU GCAUUUCAAG CUGGUCAGAC 50
 GACUCGCCCG A 61

(2) INFORMATION FOR SEQ ID NO:300:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 61 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

(D) OTHER INFORMATION: All C's are 2'-F cytosine

(ix) FEATURE:

(D) OTHER INFORMATION: All U's are 2'-F uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:300:
 GGGAAAGACGA UGCAGCGCUC AAAUAAUGCG UUAAUCGAAU UCGCCCAGAC 50
 GACUCGCCCG A 61

(2) INFORMATION FOR SEQ ID NO:301:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 71 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

(D) OTHER INFORMATION: All C's are 2'-F cytosine

(ix) FEATURE:

(D) OTHER INFORMATION: All U's are 2'-F uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:301:
 GGGAGGACGA UGCAGCAAAC AAGCUCAAAU GACGUGUUUU UCAAGUCCUU 50
 GUUGUCAGAC GACUCGCCCG A 71

(2) INFORMATION FOR SEQ ID NO:302:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 71 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

(D) OTHER INFORMATION: All C's are 2'-F cytosine

(ix) FEATURE:

(D) OTHER INFORMATION: All U's are 2'-F uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:302:
 GGGAGGACGA UGCAGGUAGUA AGUCUCAAAU GUUGCCUUUU UCGAACACU 50
 UACAUCAAGAC GACUCGCCCG A 71

(2) INFORMATION FOR SEQ ID NO:303:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 62 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

(D) OTHER INFORMATION: All C's are 2'-F cytosine

(ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:303:
 GGGAGGACGA UGC GGAGACU CAAAUGGUGU GUUUUCAAGC CUCUCCCAGU 50
 CGACUCGCCG GA 62

(2) INFORMATION FOR SEQ ID NO:304:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 63 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:304:
 GGGAGGACGA UGC GGUGUCU AAAUGAUGCG UUUCUCGAAU CCACCCAGAC 50
 GACUCGCCCG AGG 63

(2) INFORMATION FOR SEQ ID NO:305:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 71 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:305:
 GGGAGGACGA UGC GGCCAUC GGUCUUGGGC AACGCGUUUU CGAGUUACCU 50
 AUGGUCAGAC GACUCGCCCG A 71

(2) INFORMATION FOR SEQ ID NO:306:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 70 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:306:
 GGGAGGACGA UGC GGCCAUC GGUCUUGGGC AACGCGUUUU CGAGUUACCU 50
 ACAUCAGACG ACUCGCCCGA 70

(2) INFORMATION FOR SEQ ID NO:307:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 61 base pairs

(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE: RNA
(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-F cytosine
(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-F uracil
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:307:
GGGAGGACGA UGCAGGACCC UUAGGCAACG UGUUUUCAAG UUGGUCAGAC 50
GACUCGCCCG A 61

(2) INFORMATION FOR SEQ ID NO:308:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 71 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE: RNA
(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-F cytosine
(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-F uracil
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:308:
GGGAGGACGA UGCAGGACUA GCUCUUAGGC AAUGCGUAUU UCGAAUUAGC 50
UGUGUCAGAC GACUCGCCCG A 71

(2) INFORMATION FOR SEQ ID NO:309:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 71 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE: RNA
(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-F cytosine
(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-F uracil
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:309:
GGGAGGACGA UGCAGGAGUCU UAGGCAGCGC GUUUUCGAGC UACUCCAUCG 50
CCAGUCAGAC GACUCGCCCG A 71

(2) INFORMATION FOR SEQ ID NO:310:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 71 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE: RNA
(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-F cytosine
(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-F uracil
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:310:

GGGAAGACGA UCGGGAAUGC UCUUAGGCAG CGCGUUAAUC GAGCUAGCAC 50
AUCCUCAGAC GACUCGCCCG A 71

(2) INFORMATION FOR SEQ ID NO:311:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 71 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: RNA
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All C's are 2'-F cytosine
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All U's are 2'-F uracil
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:311:

GGGAGGACGA UGGGGAGUCU UAGGCAGCGC GUUUUCGAGC UACUCCAUUCG 50
CCAGUCAGAC GACUCGCCCG A 71

(2) INFORMATION FOR SEQ ID NO:312:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 71 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: RNA
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All C's are 2'-F cytosine
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All U's are 2'-F uracil
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:312:

GGGAGGACGA UCGGGUAAUC UCUUAGGCAU CGCGUUAAUC GAGAUAGAUC 50
ACCGUCAGAC GACUCGCCCG A 71

(2) INFORMATION FOR SEQ ID NO:313:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 71 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: RNA
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All C's are 2'-F cytosine
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All U's are 2'-F uracil
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:313:

GGGAGGACGA UCGGGCAAUG UCHCUUAGGC CACGCGUUAA UCGAGCGUGA 50
CUGUCAGACG ACUCGCCCGA G 71

(2) INFORMATION FOR SEQ ID NO:314:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 71 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA
(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-F cytosine
(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-F uracil
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:314:
GGGAGGACGA UGCAGCAUAG UCAGAGGCGA CGCGUUUAUA UCGAGUCACC 50
AUGUCAGAC GACUCGCCCG A 71

(2) INFORMATION FOR SEQ ID NO:315:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 61 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE: RNA
(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-F cytosine
(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-F uracil
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:315:
GGGAGGACGA UGCAGGAUGC UUAGGCGCCG UGUUUUCAAG GCCAUCAGAC 50
GACUCGCCCG A 61

(2) INFORMATION FOR SEQ ID NO:316:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 72 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE: RNA
(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-F cytosine
(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-F uracil
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:316:
GGGAGGACGA UGCAGGUAAU GUCUUAGGCG CCGUGUUAUC AAGGCACAAU 50
UUCCUCAGA CGACUCGCCCG A 72

(2) INFORMATION FOR SEQ ID NO:317:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 71 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE: RNA
(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-F cytosine
(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-F uracil
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:317:
GGGAAGACGA UGCAGGUACU AGUGUCUUAG GCGGAGGUGUU UAUCAAUCCA 50
CACAUCAUCAGAC GACUCGCCCG A 71

(2) INFORMATION FOR SEQ ID NO:318:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 61 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

(D) OTHER INFORMATION: All C's are 2'-F cytosine

(ix) FEATURE:

(D) OTHER INFORMATION: All U's are 2'-F uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:318:

GGGAGGACGA UGC GGACUGA CUUAGGCUGC GCGCACUUUCG AGCAUCAGAC	50
GACUCGCCCG A	61

(2) INFORMATION FOR SEQ ID NO:319:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 70 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

(D) OTHER INFORMATION: All C's are 2'-F cytosine

(ix) FEATURE:

(D) OTHER INFORMATION: All U's are 2'-F uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:319:

GGGAGGACGA UGC GGUGGUG UGUCUUUGGC ACCGCGUAUU UUCGAGGUAC	50
ACAUCA GACG ACUCGCCCGA	70

(2) INFORMATION FOR SEQ ID NO:320:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 70 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

(D) OTHER INFORMATION: All C's are 2'-F cytosine

(ix) FEATURE:

(D) OTHER INFORMATION: All U's are 2'-F uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:320:

GGGAGGACGA UGC GGUGGUG UGUCUUUGGC ACCGCGUAUU CUCGAGGUAC	50
ACAUCA GACG ACUCGCCCGA	70

(2) INFORMATION FOR SEQ ID NO:321:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 61 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

(D) OTHER INFORMATION: All C's are 2'-F cytosine

(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-F uracil
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:321:
GGGAGGACGA UGCGGGCUCU UCAGCAACGU GUUAUCAAGU UAGCCCAGAC 50
GACUCGCCCG A 61

(2) INFORMATION FOR SEQ ID NO:322:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 71 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE: RNA
(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-F cytosine
(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-F uracil
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:322:
GGGAGGACGA UGCGGCGUAA CUUCAGCGGU GUGUUAUCA AGCCUUACGC 50
CAUCUCAGAC GACUCGCCCG A 71

(2) INFORMATION FOR SEQ ID NO:323:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 59 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE: RNA
(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-F cytosine
(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-F uracil
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:323:
GAGGACGAUG CGGGCUCUUA AGCAACGUGU UAUCAAGUUA GCCCAGACGA 50
CUCGCCCGA 59

(2) INFORMATION FOR SEQ ID NO:324:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 71 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE: RNA
(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-F cytosine
(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-F uracil
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:324:
GGGAGGACGA UGCGGUCUCA AGCAAUGCGU UUAUCGAAUU ACCGUACGCC 50
UCCGUCAGAC GACUCGCCCG A 71

(2) INFORMATION FOR SEQ ID NO:325:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 71 base pairs

(B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:325:
 GGGAGGACGA UGCAGAAAUC UCUUAAGCAG CGUGUAAAUC AAGCUAGAUC 50
 UUCGUCAGAC GACUCGCCCG A 71

(2) INFORMATION FOR SEQ ID NO:326:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 61 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:326:
 GGGAGGACGA UGCAGGUUCUU AAGCAGCGCG UCAAUCGAGC UAACCCAGAC 50
 GACUCGCCCG A 61

(2) INFORMATION FOR SEQ ID NO:327:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 62 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:327:
 GGGAGGACGA UGCAGGAUCUU AAGCAGCGCG UCAAUCGAGC UAACCCAGAC 50
 GACUCGCCCG AG 62

(2) INFORMATION FOR SEQ ID NO:328:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 75 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:328:

ACAGCUGAUG ACCAUGAUUA CGCCAAGCUU AAGCAGCGCG UUUUCGAGCU 50
CAUGUUGGUC AGACGACUCG CCCGA 75

(2) INFORMATION FOR SEQ ID NO:329:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 71 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: RNA
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All C's are 2'-F cytosine
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All U's are 2'-F uracil
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:329:

GGGAGGACGA UGCAGGGGU CUUAAGCAGU GUGAUAAUCA AACUACUCUC 50
CGUGUCAGAC GACUCGCCCG A 71

(2) INFORMATION FOR SEQ ID NO:330:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 62 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: RNA
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All C's are 2'-F cytosine
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All U's are 2'-F uracil
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:330:

GGGAGGACGA UGCAGGGAUCA UAAGCAGUGC GUUAUUCGAA CUAUCCCAGA 50
CGACUCGCCCG A 62

(2) INFORMATION FOR SEQ ID NO:331:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 70 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: RNA
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All C's are 2'-F cytosine
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All U's are 2'-F uracil
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:331:

GGGAGGACGA UGCAGGGCUA UUCUUAAGCG GCGUGUUUUU CAAGCCAAUA 50
UCAUCAGACG ACUCGCCCGA 70

(2) INFORMATION FOR SEQ ID NO:332:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 71 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:332:
 GGGAGGACGA UGCGGUCUA AGCGGCGCGA UUUUCGAGCC ACCGCAUCCU 50
 CCGUGCAGAC GACUCGCCCG A 71

(2) INFORMATION FOR SEQ ID NO:333:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 61 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:333:
 GGGAGGACGA UGCGGCCUCU UAAGCGUCGU GUUUUUAAG CUGGUCAGAC 50
 GACUCGCCCG A 61

(2) INFORMATION FOR SEQ ID NO:334:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 71 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:334:
 GGGAGGACGA UGCAGAUACC ACCUCUUAAG CGACGUGCAU UUCAAGUCAG 50
 AUGGUCAGAC GACUCGCCCG A 71

(2) INFORMATION FOR SEQ ID NO:335:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 72 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:335:
 GGGAGGACGA UGCAGUGCUA UUCUUAAGCG GCGUGUAAAUAU CAAGCUAGAU 50
 CAUCGUCAGA CGACUCGCCCG GA 72

(2) INFORMATION FOR SEQ ID NO:336:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 71 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-F cytosine

(ix) FEATURE:

- (D) OTHER INFORMATION: All U's are 2'-F uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:336:

GGGAGGACGA	UGCGGAACGA	CUCUUAAGCU	GUGCUUUUC	GAACAAGUCG	50
UAACUCAGAC	GACUCGCCG	A			71

(2) INFORMATION FOR SEQ ID NO:337:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 61 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-F cytosine

(ix) FEATURE:

- (D) OTHER INFORMATION: All U's are 2'-F uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:337:

GGGAGGACGA	UGCGGCUCUC	AUUUWCGCG	AAAAUCGAGC	UAGCCCAGAC	50
GACUCGCCG	A				61

(2) INFORMATION FOR SEQ ID NO:338:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 71 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-F cytosine

(ix) FEATURE:

- (D) OTHER INFORMATION: All U's are 2'-F uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:338:

GGGAGGACGA	UGCGGAGUCW	CUCUCCACCA	KCGUGUKUUA	AUCAAGCUAN	50
UGCCUCAGAC	GACUCGCCG	A			71

(2) INFORMATION FOR SEQ ID NO:339:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 71 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-F cytosine

(ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:339:
 GGGAGGACGA UGC GGUCUAC GGUCUCUCUG GCGGUGCGUA AAUCKAACCA 50
 GAUCGCAGAC GACUCGCCCG A 71

(2) INFORMATION FOR SEQ ID NO:340:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 71 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:340:
 GGGAGGACGA UGC GGUDAUU UCYUAAUCHG AGCGUUAUC UAUCUMAAUK 50
 AUCCUCAGAC GACUCGCCCG A 71

(2) INFORMATION FOR SEQ ID NO:341:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 62 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:341:
 GGGAGGACGA UGC GGGAUCGC AAUMUGUWGC GUUCUCKAAA CAGCCUCAGA 50
 CGACUCGCCCG GA 62

(2) INFORMATION FOR SEQ ID NO:342:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 61 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:342:
 GGGAGGACGA UGC GGUGGUU CUAGGCACGU GUUUUCAAGU GUAAUCAGAC 50
 GACUCGCCCG A 61

(2) INFORMATION FOR SEQ ID NO:343:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 62 base pairs

(B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:343:
 GGGAGGACGA UCGGAAACA UGUGUUUUCG AAUGUGCUCU CCUCCCCAAA 50
 CAACYCCCCC AA 62

(2) INFORMATION FOR SEQ ID NO:344:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 70 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:344:
 GGGAGGACGA UCGGAAGGC CGUGUUAUC AAGGCUGCAA UAAAUCAUCC 50
 UCCCCAGACG ACUCGCCGA 70

(2) INFORMATION FOR SEQ ID NO:345:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 71 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:345:
 GGGAGGACGA UCGGGAGGAU CGUGUCAUC AAGAUUGCUC GUUCUUUACU 50
 GCGUUCAGAC GACUCGCCGA A 71

(2) INFORMATION FOR SEQ ID NO:346:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 71 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:346:

GGGAGGACGA UGC GGUCAAA GUGAAGAAUG GACAGCUUU UCGAGUUGC
UCACUCAGAC GACUCGCCCG A 50
71

(2) INFORMATION FOR SEQ ID NO:347:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 71 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: RNA
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All C's are 2'-F cytosine
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All U's are 2'-F uracil
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:347:

GGGAGGACGA UGC GGGGAGA AUGGCCAGCG UUU AUCGAGG UGC UCCGUUA
ACCGGCAGAC GACUCGCCCG A 50
71

(2) INFORMATION FOR SEQ ID NO:348:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 61 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: RNA
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All C's are 2'-F cytosine
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All U's are 2'-F uracil
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:348:

GGGAGGACGA UGC GGGAGGA AUGGACWGCG UAU AUCGAGU UGCCUCAGAC
GACUCGCCCG A 50
61

(2) INFORMATION FOR SEQ ID NO:349:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 61 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: RNA
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All C's are 2'-F cytosine
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All U's are 2'-F uracil
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:349:

GGGAGGACGA UGC GGAUCGA UUU CAUGCGU UUU UCGAGUG ACGAUCAGAC
GACUCGCCCG A 50
61

(2) INFORMATION FOR SEQ ID NO:350:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 61 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA
(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-F cytosine
(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-F uracil
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:350:
GGGAGGACGA UCGGGAGACC CUAAGMGSGU KSUUUJUCAAS CUGGUCWGAC 50
GACUCGCCCG A 61

(2) INFORMATION FOR SEQ ID NO:351:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 71 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE: RNA
(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-F cytosine
(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-F uracil
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:351:
GGGAGGACGA UGCGUUAGC CUACACUCUA GGUUCAGUUU UCGAAUCUUC 50
CACCGCWGAC GACUCGCCCG A 71

(2) INFORMATION FOR SEQ ID NO:352:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 61 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE: RNA
(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-F cytosine
(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-F uracil
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:352:
GGGAGGACGA UGCGUUAGG UCAAUGAUCU UAGUUUUCGA UUCGUCAGAC 50
GACUCGCCCG A 61

(2) INFORMATION FOR SEQ ID NO:353:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 61 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE: RNA
(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-F cytosine
(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-F uracil
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:353:
GGGAGGACGA UGCAGCGUG UGUAUCRARU UUUCGCUGU UUGUGCAGAC 50
GACUCGCCCG A 61

(2) INFORMATION FOR SEQ ID NO:354:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 71 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: single

(D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

(D) OTHER INFORMATION: All C's are 2'-F cytosine

(ix) FEATURE:

(D) OTHER INFORMATION: All U's are 2'-F uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:354:

GGGAGGACGA UCGGGACAGG GUUCUUAGGC GGAGUGUUC	50
CAUGUCAGAC GACUCGCCG A	71

(2) INFORMATION FOR SEQ ID NO:355:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 62 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: single

(D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

(D) OTHER INFORMATION: All C's are 2'-F cytosine

(ix) FEATURE:

(D) OTHER INFORMATION: All U's are 2'-F uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:355:

GGGAGGACGA UGCGGCGAUU UCCACAGUUU GUCUUAUUC	50
CGACUCGCCG A	62

(2) INFORMATION FOR SEQ ID NO:356:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 61 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: single

(D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

(D) OTHER INFORMATION: All C's are 2'-F cytosine

(ix) FEATURE:

(D) OTHER INFORMATION: All U's are 2'-F uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:356:

GGGAGGACGA UGCGGAUAYU CAGCUYGUGU KUUUUCDAUC UUCCCCAGAC	50
GACUCGCCG A	61

(2) INFORMATION FOR SEQ ID NO:357:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 61 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: single

(D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

(D) OTHER INFORMATION: All C's are 2'-F cytosine

(ix) FEATURE:

(D) OTHER INFORMATION: All U's are 2'-F uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:357:

GGGAGGACGA	UGCAGCACAC	GUGUUUCAA	GUGUGCUCCU	GGGAUCAGAC	50
GACUCGCCCG	A				61

(2) INFORMATION FOR SEQ ID NO:358:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 61 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

(D) OTHER INFORMATION: All C's are 2'-F cytosine

(xi) FEATURE:

(D) OTHER INFORMATION: All U's are 2'-F uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:358:

GGGAGGACGA	UGCAGCAAUG	UGUUUCUCAA	AUUGCUUUCU	CCCUUCAGAC	50
GACUCGCCCG	A				61

(2) INFORMATION FOR SEQ ID NO:359:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 71 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

(D) OTHER INFORMATION: All C's are 2'-F cytosine

(ix) FEATURE:

(D) OTHER INFORMATION: All U's are 2'-F uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:359:

GGGAGGACGA	UGCAGAUACU	ACCGUGCGAA	CACUAAGUCC	CGUCUGUCCA	50
CUCCUCAGAC	GACUCGCCCG	A			71

(2) INFORMATION FOR SEQ ID NO:360:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 66 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

(D) OTHER INFORMATION: All C's are 2'-F cytosine

(ix) FEATURE:

(D) OTHER INFORMATION: All U's are 2'-F uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:360:

GGGAGGACGA	UGCAGAUACU	AUGUGCUUC	ACUAAGUCC	GUCGUCCCCU	50
CAGACGACUC	GCCCGA				66

(2) INFORMATION FOR SEQ ID NO:361:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 71 base pairs

(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE: RNA
(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-F cytosine
(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-F uracil
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:361:
GGGAGGACGA UGCAGGUACU AUGUACGAUC ACUAAGCCCC AUCACCCUUC 50
UCACUCAGAC NACUCGCCCG A 71

(2) INFORMATION FOR SEQ ID NO:362:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 61 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE: RNA
(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-F cytosine
(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-F uracil
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:362:
GGGAGGACGA UGCAGGUACU AUGUACAUUU ACUAAGACCC AACGUCAGAC 50
GACUCGCCCG A 61

(2) INFORMATION FOR SEQ ID NO:363:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 72 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE: RNA
(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-F cytosine
(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-F uracil
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:363:
GGGAGGACGA UGCAGGUUWCU AUGUWCGCCU UACUAAGUAC CCGUCGACUG 50
UCCCAUCAGA CGACUCGCCG GA 72

(2) INFORMATION FOR SEQ ID NO:364:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 61 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE: RNA
(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-F cytosine
(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-F uracil
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:364:

GGGAAGACGA UCGGGUGUUG AUCAAUGAAU GUCCUCCUCC UACCCCAGAC 50
GACUCGCCCG A 61

(2) INFORMATION FOR SEQ ID NO:365:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 61 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-F cytosine

(ix) FEATURE:

- (D) OTHER INFORMATION: All U's are 2'-F uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:365:

GGGAGGACGA UGC GGUGUUU GUCAAUGUCA UGAUJAGUUU UCCCACAGAC 50
GACUCGCCCG A 61

(2) INFORMATION FOR SEQ ID NO:366:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 64 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-F cytosine

(ix) FEATURE:

- (D) OTHER INFORMATION: All U's are 2'-F uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:366:

GGGAGGACGA UGC GGCGGUC UUAAGCAGUG UGUCAAUCAA ACUAUCGUCA 50
GACGACUCGC CCGA 64

(2) INFORMATION FOR SEQ ID NO:367:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 61 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-F cytosine

(ix) FEATURE:

- (D) OTHER INFORMATION: All U's are 2'-F uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:367:

GGGAGGACGA UGC GGGUUCUU AAGCAGCGCG UCAAUCGAGC UAACCCAGAC 50
GACUCGCCCG A 61

(2) INFORMATION FOR SEQ ID NO:368:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 66 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:368:
 GGGAGGACGA UGCAGGAAUGR CCCGUUACCA WCAAUGCGCC UCDUUGMCCC 50
 CAAACAACYC CCCCCAA 66

(2) INFORMATION FOR SEQ ID NO:369:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 70 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:369:
 GGGAGGACGA UGCAGGAAUYU CGUGYUACGC GUYYYYCUAUC CAAUCUACCC 50
 CMUCUCCAAU CAGACGACYC 70

(2) INFORMATION FOR SEQ ID NO:370:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 61 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:370:
 GGGAGGACGA UGCAGGCGCUU ACAAAUAAUUC UCCCCUGAGUA CAGCUCAGAC 50
 GACUCGCCG A 61

(2) INFORMATION FOR SEQ ID NO:371:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 71 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:371:
 GGGAGGACGA UGCAGGAAACUU CUUAGGCAGC GUGCUAGUCA AGCUAAGUUC 50
 CACCUCAAGAC GACUCGCCG A 71

(2) INFORMATION FOR SEQ ID NO:372:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 70 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: RNA
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All C's are 2'-F cytosine
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All U's are 2'-F uracil
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:372:

GGGAGGACGA UGGCGCACAA UCUUCGGCAG CGUGCAAGAU CAAGCUAUUG 50
 UUGUCAGACG ACUCGCCCGA 70

(2) INFORMATION FOR SEQ ID NO:373:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 61 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: RNA
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All C's are 2'-F cytosine
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All U's are 2'-F uracil
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:373:

GGGAGGACGA UGGGGUCAUU AACCAAGAUA UGCGAAUCAC CUCCUCAGAC 50
 GACUCGCCCG A 61

(2) INFORMATION FOR SEQ ID NO:374:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 62 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: RNA
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All C's are 2'-F cytosine
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All U's are 2'-F uracil
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:374:

GGGAGGACGA UGGGGUCAUU CUCUAAAAAA GUAUUCCGUA CCUCCACAGA 50
 CGACUCGCCCG GA 62

(2) INFORMATION FOR SEQ ID NO:375:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 61 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: RNA
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All C's are 2'-F cytosine

(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-F uracil
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:375:
GGGAGGACGA UGCAGGUGAU CUUUUAUGCU CCUCUUGUUU CCUGUCAGAC 50
GACUCGCCCG A 61

(2) INFORMATION FOR SEQ ID NO:376:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 71 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE: RNA
(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-F cytosine
(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-F uracil
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:376:
GGGAGGACNA UGCAGGUCUAG GCAUCGCUAU UCUUUACUGA UAUAAUJACU 50
CCCCUCAGAC GACUCGCCCG A 71

(2) INFORMATION FOR SEQ ID NO:377:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 61 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE: RNA
(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-F cytosine
(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-F uracil
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:377:
GGGAGGACGA UGCAGGAGUWW GCNCAGGUCCA GUCACAUCCW AUCCCCAGAC 50
GACUCGCCCG A 61

(2) INFORMATION FOR SEQ ID NO:378:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 62 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE: RNA
(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-F cytosine
(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-F uracil
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:378:
GGGAGGACGA UGCAGGUCUUC AUAUKGWGUR UUYUUCMUUC SRGGCUAAA 50
CAAYYCCCCC AA 62

(2) INFORMATION FOR SEQ ID NO:379:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 61 base pairs

(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE: RNA
(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-F cytosine
(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-F uracil
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:379:
GGGAGGACGA UGCAGCUUGU UAGUUAAACU CGAGUCUCCA CCCUCAGAC 50
GACUCGCCCG A 61

(2) INFORMATION FOR SEQ ID NO:380:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 62 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE: RNA
(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-F cytosine
(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-F uracil
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:380:
GGGAGGACGA UGCAGGUCUCU WCUVACVUGU RUUCACAUUU UCGCYUAAA 50
CAACYCCCCC AA 62

(2) INFORMATION FOR SEQ ID NO:381:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 61 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE: RNA
(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-F cytosine
(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-F uracil
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:381:
GGGAGGACGA UGCAGGUURAC AAUGRSSCUC RCCUUCCCWG GUCCUCAGAC 50
GACUCGCCCG A 61

(2) INFORMATION FOR SEQ ID NO:382:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 71 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE: RNA
(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-F cytosine
(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-F uracil
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:382:

AGGAGGACGA UCGGUUAUC UGAARCWUGC GUAAMCUARU GUSAAASUGC 50
AACRACRAAC AACYCSCCCCA A 71

(2) INFORMATION FOR SEQ ID NO:383:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 61 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: RNA
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All C's are 2'-F cytosine
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All U's are 2'-F uracil
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:383:

AGGAAGACGA UCGGUUCGA UUUUUUGUG UCAUGUUCU UCCAUCAAGAC 50
GACUCGCCCG A 61

(2) INFORMATION FOR SEQ ID NO:384:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 35 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: RNA
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All C's are 2'-F cytosine
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All U's are 2'-F uracil
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:384:

GUGAUGACAU GGAUUACGCC AGACGACUCG CCCGA 35

(2) INFORMATION FOR SEQ ID NO:385:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 16 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: RNA
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All C's are 2'-F cytosine
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All U's are 2'-F uracil
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:385:

UGCGUGUUUU CAAGCA 16

(2) INFORMATION FOR SEQ ID NO:386:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 23 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: RNA
- (ix) FEATURE:

(D) OTHER INFORMATION: All C's are 2'-F cytosine
(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-F uracil
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:386:
CUCAAAUUGC GUGUUUCAA GCA

23

(2) INFORMATION FOR SEQ ID NO:387:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 33 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE: RNA
(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-F cytosine
(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-F uracil
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:387:
GGUACCUCAA AUUGCGUGUU UUCAAGCAGU AUC

33

(2) INFORMATION FOR SEQ ID NO:388:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 33 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE: RNA
(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-F cytosine
(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-F uracil
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:388:
GGAGUCUUAG GCAGCGCGUU UUCGAGCUAC UCC

33

(2) INFORMATION FOR SEQ ID NO:389:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 71 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE: RNA
(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-F cytosine
(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-F uracil
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:389:
GGGAGGACGA UGCAGNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
NNNNNCAGAC GACUCGCCCG A

50

71

(2) INFORMATION FOR SEQ ID NO:390:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 97 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single

(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE: RNA
(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-F cytosine
(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-F uracil
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:390:
GGGAGACAAG AAUAAACGCU CAANNNNNNN NNNNNNNNNN NNNNNNNNNN 50
NNNNNNNNNN NNNNNNNNNN NNUUCGACA GGAGGCUCAC AACAGGC 97